

The



CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

JANUARY 31 1959

A PRODUCT OF RESEARCH
FERROMYN IN 3 FORMS—CAPSULES, TABLETS, ELIXIR
ORAL IRON—A NEW PRESENTATION

FERROMYN Capsules

Many constructive reports originating from doctors who are prescribing **FERROMYN** in many countries throughout the world sponsored the developments to improve its effectiveness still further. It became evident that it was necessary to present **FERROMYN**

in a new form to achieve an even more rapid disintegration, coupled with increased stability.

During the past two years, tests have been carried out presenting Ferrous Succinate in many forms—**THE MOST SATISFACTORY OF WHICH HAS PROVED TO BE A CAPSULE.**

Providing these outstanding advantages:

- (i) ferric iron content is not more than 0.8 mg. and does not increase on prolonged storage.
- (ii) disintegration is rapid (5 minutes).
- (iii) intolerance is less than 1%.
- (iv) haemoglobin response is 1%—2% per day.

FERROMYN (Ferrous Succinate), originated and developed in our own laboratories, is prepared from the mild, atoxic ferrous salt of succinic acid and is one of the most effective organic iron salts, requiring no other additives to produce a rapid haemoglobin response or to reduce the intolerance and side effects usually associated with oral ferro-therapy.

FORMULAE

FERROMYN Each capsule/tablet/teaspoonful contains:

Ferrous Succinate 150 mg.

FERROMYN 'B' Each capsule/tablet/teaspoonful contains:

Ferrous Succinate 150 mg.

Aneurine Hydrochloride 1 mg.

Riboflavin 1 mg.

Nicotinamide 10 mg.

PRESERVATION

FERROMYN Capsules/Tablets. Packs of 100 and 1000

Basic N.H.S. cost: 100 capsules/tablets 2/7d. + P.T.

FERROMYN 'B' Capsules/Tablets. Packs of 100 and 1000

Basic N.H.S. cost: 100 capsules/tablets 3/3d. exempt P.T.

FERROMYN Elixir

Bottles of 4 ozs. and 20 ozs.

Basic N.H.S. cost:

4 oz. elixir 3/1d. + P.T.

FERROMYN 'B' Elixir

Bottles of 4 ozs. and 20 ozs.

Basic N.H.S. cost:

4 oz. elixir 4/- exempt P.T.

DOSAGE One capsule, tablet or teaspoonful between meals or as prescribed.
Indicated in all iron-deficiency states and especially anaemias of pregnancy.

CALMIC

purely British
Pharmaceuticals

CALMIC LIMITED · CREWE · CHESHIRE · CREWE 3251/7
London: 2 Mansfield Street, W.I. Langham 8038/9

FIVE

facts

about

Dettol

Dettol is active against both Gram-positive and Gram-negative micro-organisms.*

It is non-poisonous, non-corrosive and non-staining.

It is well tolerated on the skin and tissues in high concentrations.

It retains a high degree of efficiency in the presence of organic matter.

It is compatible with soap.

*Under standard conditions of test a 1 in 200 dilution kills *Staph. aureus*—and a 1 in 500 dilution kills *Strep. pyogenes*—in ten minutes.



Bacteriological data and other Dettol literature available from Reckitt & Sons Limited, Pharmaceutical Department, Hull.

PHOTOGRAPHIC CHEMICALS

BROMIDES

HYDROQUINONE

METOL

POTASSIUM IODIDE

PYROGALLIC ACID

‘COLLETT’ SULPHITES

**SODIUM SULPHITE &
ANHYDROUS POWDER & PEA CRYSTALS
POTASSIUM METABISULPHITE**

SPOT DELIVERY & ON CONTRACT

DISTRIBUTORS:

R. W. GREEFF & CO., LTD.

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Telex 2-2590

THE ROYAL EXCHANGE, MANCHESTER
Blackfriars 9407-8 Wires: Greeff, Manchester

HOP 0825

★
**ANATOLIAN
LICORICE
ROOT**
 ★

BROME & SCHIMMER LTD
 7 LEATHER MARKET, LONDON,
 S.E.1

NEW!**COLBY NYLITE**

NYLITE is the new lightweight Nylon Elastic Yarn stocking with the *super-soft* finish.

NYLITE gives firm support and its unusually soft texture makes it extra comfortable to wear. 2-way stretch and seamless, this hose has a smooth, matt look and may be worn confidently without overhose.

NYLITE may be supplied against N.H.S. prescriptions

Trade price 35/6 per pair

In normal stocking sizes 8½, 9, 9½, 10, 10½

Order a stock of this important new stocking now. Samples on request.

COLBY PRODUCTS LIMITED
 314 EUSTON ROAD, LONDON, NW1.
Trade Mark •



QUEEN



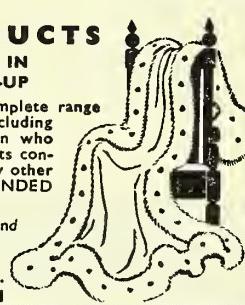
**Non Allergic
BEAUTY PRODUCTS**

THE SAFETY FACTOR IN
EVERY DAY MAKE-UP

Queen beauty products form a complete range of toilet and beauty preparations, including lipsticks, specially for those women who have sensitive skins. Queen products contain no Orr's in any form, nor any other skin irritants AND ARE RECOMMENDED BY THE MEDICAL PROFESSION.

Obtainable from Messrs. Sangors Ltd. and Allied Companies, or direct from your Wholesaler.

BOUTALLS CHEMISTS LTD.
 60 Lambs Conduit St., London, W.C.1



F. SCHUTZE & CO., LTD.
ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES
SUSPENSORY BANDAGES
JOCK STRAPS, etc., etc.

PERFUMERY BOTTLE WICKERERS in RAFFIA
or SILK, plain or fancy, wide range of designs.
Own bottles wickered at moderate cost.

Black Bull Works, Market Road
London, N.7



**HANSON'S
CATARRH
COMPOUND**

Attractive display outers
hold one dozen bottles
RETAIL PRICE 2/-
Cost 12/6 doz. plus purchase
tax 30%

BRYTEN
PRODUCTS Ltd.
NETTLEFOLD PLACE
LONDON, S.E.27
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Culmok
SHAVING BRUSHES

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S.Y.R. DOUBLY
RECTIFIED

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(continued overleaf)

As sensible as umbrellas



For the thousands who regard vitamin supplementation as sensible protection against the harshness of winter, Radio-Malt and Multivite provide the complete answer.

'MULTIVITE' TRADE MARK

Popular choice for vitamin supplementation. Vitamins A, B, C and D in full potency in a palatable chocolate coating.

	Trade	Retail
50 pellets	2/4	3/6
500 pellets	14/6	21/9
1000 pellets	27/6	—

Special winter bonus terms for bulk orders.



'RADIO-MALT' TRADE MARK

For radiant health. Delicious, toffee-flavoured, so popular with infants and young people.

	Trade	Retail
1lb. jars	2/5½	3/6
2lb. jars	4/4	6/3

Special winter bonus terms for bulk orders.



The British Drug Houses Ltd., London, N.1



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Hair nets by Byard

'HALO' Regd.

'TANGO' Regd.

The greatest names in hair nets

Make certain of your share of this steady, profitable business.

Ask your Wholesaler for the full range of "Halo" and "Tango" hair nets.

Day Nets • Slumber Nets
Bun Nets • Setting Nets

"HALO" 32

The popular fine nylon net, in single envelopes, 3 doz. or 6 doz. on Hanging Cards or 1 gross in Display Boxes.

**"TANGO" S.118**

Pure silk nets, packed 4 doz. on Round Cards or in single envelopes 3 or 6 doz. on Hanging Cards or 1 gross in Display Boxes.

NATIONALLY ADVERTISED
in the popular Womens Magazines
reaching over
9 MILLION WOMEN
every month

IF YOU ARE LOOKING FOR A TABLET MANUFACTURER TO HANDLE YOUR PRODUCT
BE IT LARGE OR SMALL, IN THOUSANDS OR MILLIONS, WHY NOT

CONTACT ONE OF THE FOREMOST MAKERS WHO HAVE TAKEN PRIDE IN

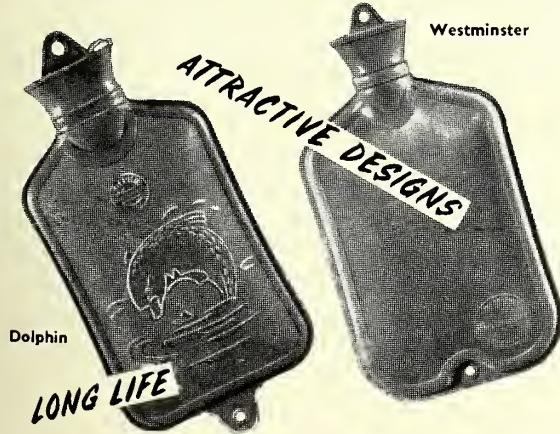
MANUFACTURING TABLETS & PILLS FOR MANY YEARS

RICHARD DANIEL & SON, LTD. DERBY

Write us at Mansfield Road or ring Derby 40671 (Ten lines)

Here's Sales Appeal at Fast Selling Prices . . .

Stock now, for the busiest time of the year



*in fact . . .
Full Size Value
for Everybody*

Telephone your wholesaler
to-day for details of our
complete range

CANNON Rubber Products

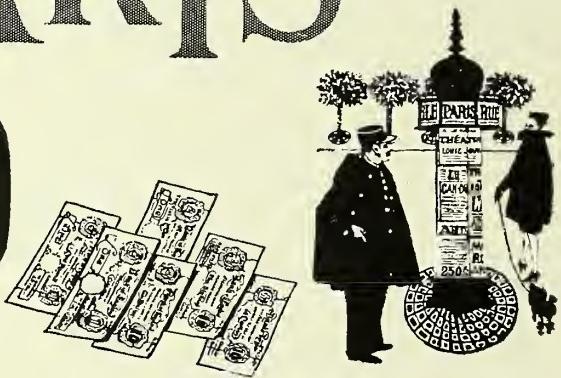
THE CANNON RUBBER MANUFACTURERS LTD., Cannon Works, Ashley Rd., Tottenham, London, N.17

SANATOGEN CHEMISTS' ASSISTANTS COMPETITION

**There's still time to win
a trip to PARIS
or £100**

**CLOSING DATE**

Closing date for all entries is first post, February 16, 1959



**53 cash prizes in big, new
Sanatogen contest!**

Who can enter? Every assistant who normally sells Sanatogen in a chemist's shop, chemist's department, or at the chemist's counter of a department or general store in the U.K. or Northern Ireland.

PRIZES

1st PRIZE . . £100 or a trip to Paris for two people* — a wonderful chance to fly to Paris, for a week in a luxury hotel—with plenty of spending money as well !

2nd PRIZE . . £50

* Arranged to suit your convenience

3rd PRIZE . . £25

+ 50 consolation prizes of £5. In addition, if Sanatogen is displayed effectively in the shop where one of the first three prize-winning assistants is employed, the owner or manager himself will receive a display bonus of £10.

All you have to do:

1. If you don't already have an Entry Form, send *immediately* to Genatosan Ltd., Sanatogen Dept., Loughborough, Leics. (You can send in as many entries as you wish, as long as each entry is made on a separate entry form and signed.)

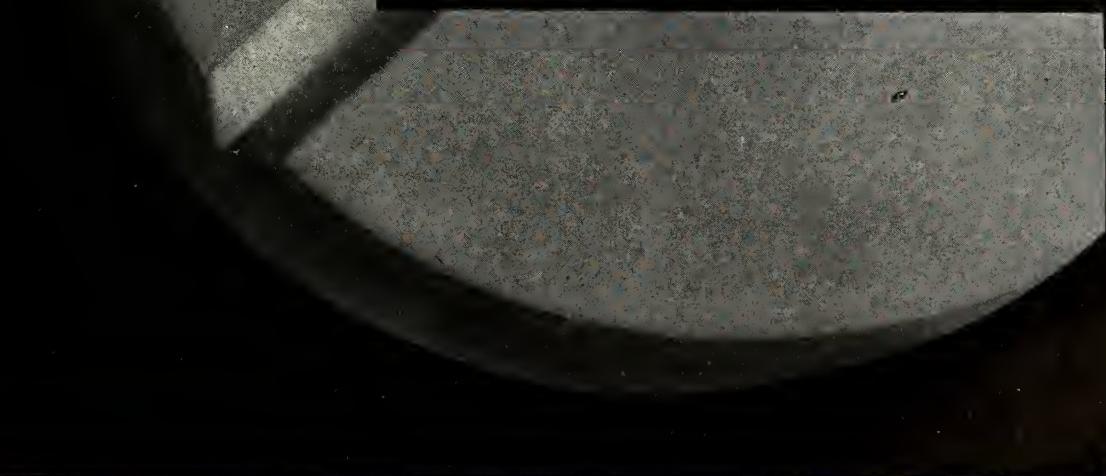
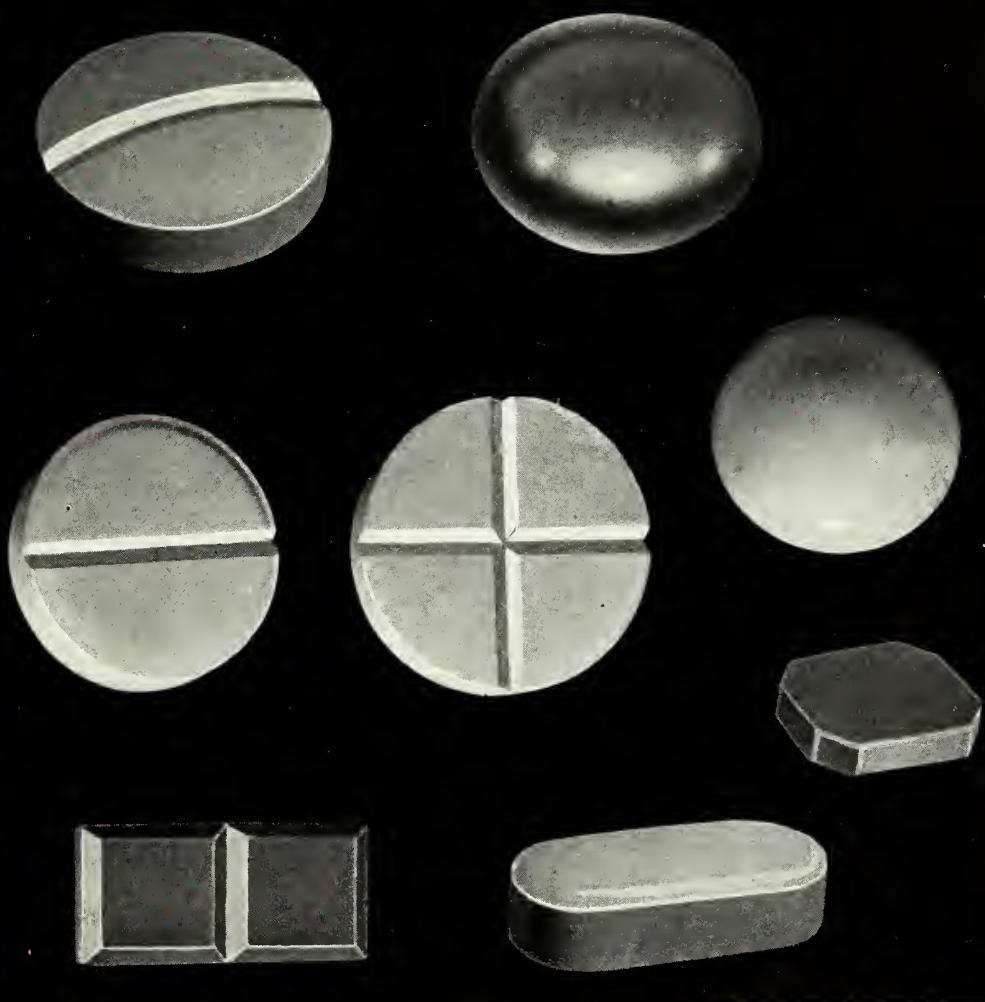
2. On the Entry Form you'll find ten questions—the sort your customers are likely to ask you about Sanatogen. Each question has three alternative answers. Simply select the answer to each question which you consider most appropriate and which is most likely to sell Sanatogen.

Remember, to win YOUR share of 53 cash prizes

you must have your entries in by first post, February 16, 1959

COX

Supreme in tablets



ARTHUR H. COX & CO. LTD., BRIGHTON, ENGLAND

PHA999

SOUND FOUNDATIONS

Make M&B chemicals the basis of your pharmaceutical manufacturers. Our long experience, extending over a century, in the manufacture, handling, and use of fine chemicals supports our claim that our products are entirely suitable in every respect for your purposes.



For the manufacture of TABLETS

ACETARSOL · CALOMEL · CODEINE PHOSPHATE AND OTHER OPIATES
CAFFEINE ALKALOID AND SALTS · CARBARSONE · BARBITURATES
DEXAMPHETAMINE SULPHATE · BISMUTH SALTS · AMINOPHYLLINE
BROMIDES · SULPHONAMIDES · THEOBROMINE ALKALOID AND
PREPARATIONS

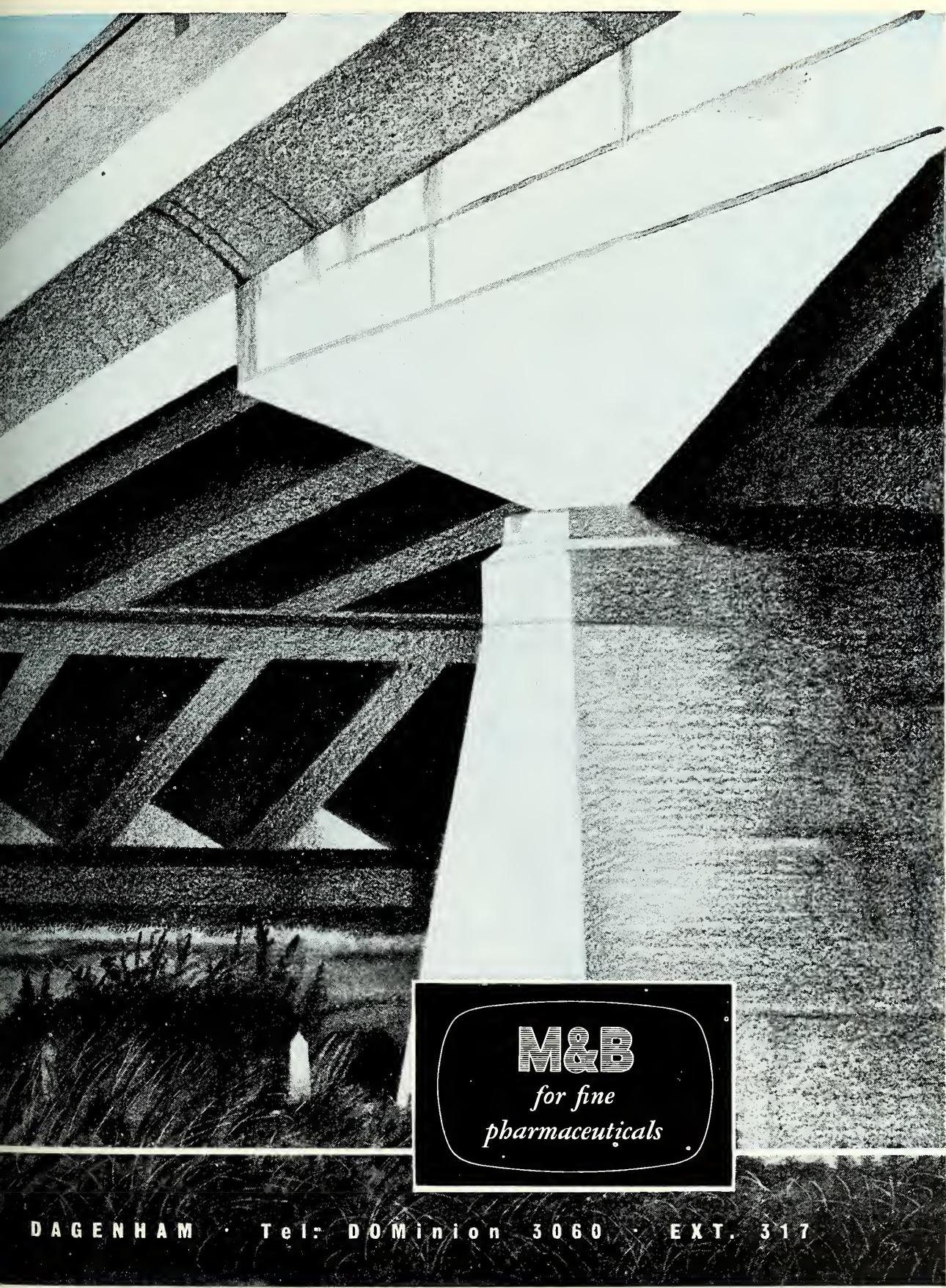


For the manufacture of PREPARATIONS FOR INJECTION

AMINOPHYLLINE · CAFFEINE AND SODIUM BENZOATE · MERSALYL
AMPHETAMINE SULPHATE · METHYLAMPHETAMINE HYDROCHLORIDE
BARBITURATES · BISMUTH OXYCHLORIDE · BISMUTH SALICYLATE
COCAINE SALTS · OPIATES

*We shall be pleased to
receive enquiries for these and any other M&B brand
pharmaceutical chemicals.*

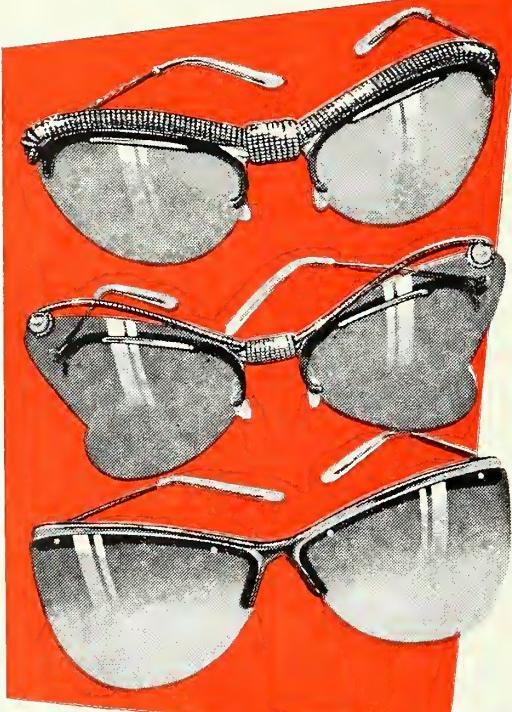
MANUFACTURED BY MAY & BAKER LTD



DAGENHAM · Tel: DOMINION 3060 · EXT. 317

Stratton

**jewelled sun glasses
set the pace
in style and sales
for 1959**



**ask for illustrated
brochure and order
your stocks and
counter dispenser
NOW from
your wholesaler**



T.V. advertising introduces Stratton Jewelled Sun Glasses on the London, Midlands and Northern net-works in a ten weeks' campaign in **May, June and July.** 20 million viewers will see the commercials for Stratton Jewelled Sun Glasses. Jewelled frames, designed by Stratton, give these sun glasses a glamour that makes them a fashion accessory. They are so pretty women will wear them whenever they get the chance, sight-seeing and shopping, holidaying on the Riviera, at the beach and in the country. Stratton Sun Glasses will sell on sight, and set the pace for sales in 1959.

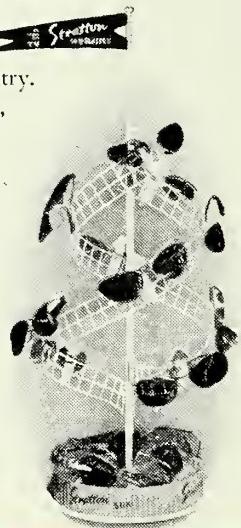
RHODOGLASS in 5 colours
Smoke, Green, Blue, Rose, and Degrade.

8 styles for women.

2 conservative styles for men.

Retailing at 8/6 to 15/6

Each in transparent carrying sleeve. Rotatable stand (26" high with a 9" base, as shown) and display aids **FREE** with sun glasses.



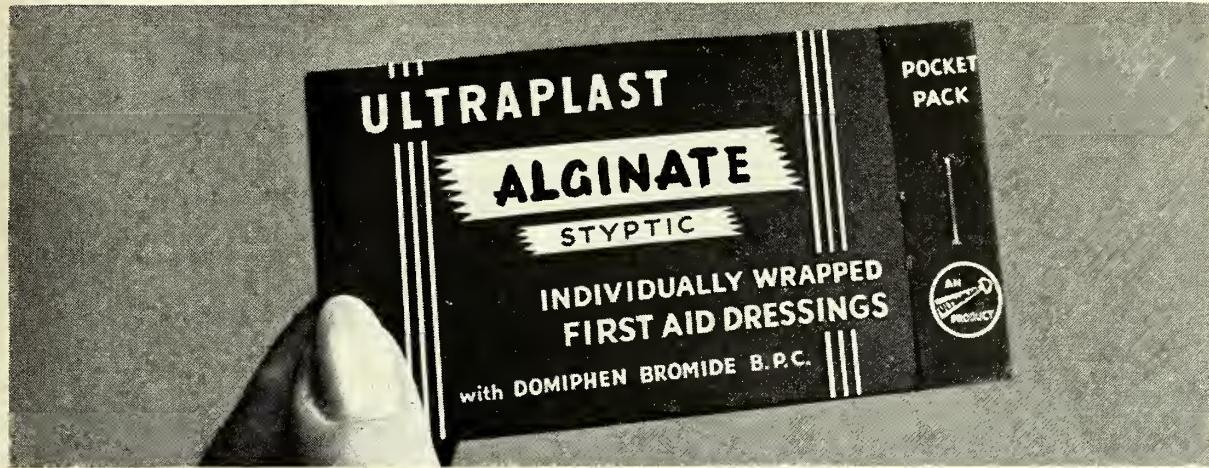
Made in England by

LAUGHTON & SONS
Limited

WARSTOCK ROAD, BIRMINGHAM, 14

makers of the famous Stratton compacts

ALGINATE



One of Industry's most widely used wound dressings

Now available to the public



ULTRAPLAST ALGINATE STYPTIC DRESSINGS perfected for the very exacting industrial market, have won the approval of doctors, nurses and first-aid men employed in some of Britain's largest industrial concerns.

Now Ultraplast Alginate Wound Dressings in handy Pocket Packs are available to your customers. The Alginate Pocket Pack contains 4 Alginate Wound Dressings. For freshness and hygiene each dressing is individually wrapped in a heat-sealed, moisture proof Cellophane envelope. The eye-catching display outer contains 3 dozen Pocket Packs.

ALGINATE is obtained from sea weed and is processed, spun and knitted into a silk-like gauze. In contact with tissue fluids the Alginate gauze softens into a jelly, stops bleeding, speeds healing and provides an admirable protection for the wound.

ORDER NOW

Price to retailer 48/- per outer (3 dozen Pocket Packs)
Profit on cost 50%

ULTRAPLAST

ALGINATE

STYPTIC FIRST AID DRESSINGS

STOPS BLEEDING—SPEEDS HEALING—INDIVIDUALLY WRAPPED



NATIONAL
ADVERTISING
STARTS
SUNDAY EXPRESS
—MARCH 8th

Wallace, Cameron & Co Ltd
83 West Regent Street
Glasgow C2 DOUGLAS 8o78/9

Sunfresh

Regd. Trade Mark

COMPETITION TO BRING YOU MORE CUSTOMERS

The 1959 Sunfresh Competition is boosting Sunfresh sales and profits all over the country. And every bottle you sell is a possible prize winner for you! If one of your customers wins 1st prize you get £100, 2nd prize £25, 3rd prize £10, or 2 gns. if you supplied one of the 15 runners-up. Intensive national advertising is backing your selling efforts all the way: with heavy T.V. advertising on all networks, bus sides throughout the country and large spaces in the Daily Mail, Daily Express, Daily Mirror, News Chronicle and the Daily Sketch. Competition entry forms will be on all Sunfresh bottles longer this year—Orange, Lemon Glucose Drink and Lemon Barley Glucose Drink. So have Sunfresh on your shelves in plenty—it's a certain profit winner for you!



Sunfresh

Regd. Trade Mark

BONUS OFFER TO BRING YOU MORE PROFIT

With every case of one dozen bottles of Sunfresh Orange concentrate delivered during the period February 16th - March 14th inclusive, one bottle of Sunfresh Lemon Glucose Drink will be given FREE!

ORDER FROM YOUR USUAL SUPPLIER NOW

O. R. GROVES LTD., 20 JERMYN STREET, LONDON, S.W.1
Telephone: Gerrard 9484. (7 lines.)





See the Conquering Hero comes! This great new line in aerosols is going to mean big business for you. To start the range rolling there's an Air Freshener and an Insecticide at 4/6d., an Oven Cleaner and a Spot Remover at 5/-. More to follow as Hero grows in popularity, backed by heavy advertising.

PROPRIETARY PRESSURE PACKAGES LIMITED



**BACKED BY A
T.V. AND
NATIONAL PRESS
ADVERTISING
CAMPAIGN TO
MAKE SELLING EASY**

Please send me details of the special introductory offer

Name _____

Address _____

Ludgate House, 2 Ludgate Hill, BIRMINGHAM 3
Telephone : CENTRAL 3053/4

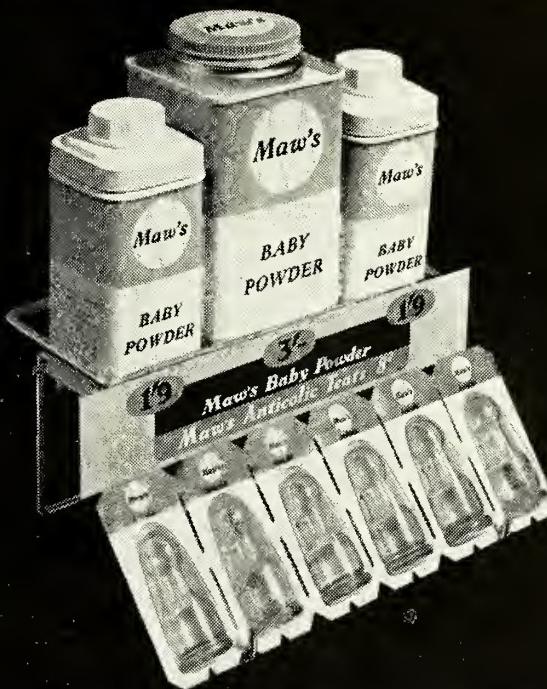
D

ANOTHER



MONEY SAVING OFFER

**This
eyecatching
display unit
FREE**



Plated finish with plastic price panel—compellingly designed to win you extra sales of Maw's Teats and Baby Powder

**WHEN YOU ORDER MAW'S BONUS PARCEL YOU
GET AN ADDITIONAL $7\frac{1}{2}\%$ DISPLAY DISCOUNT**

2 Boxes of Anticolic Teats	£1 14 6
12 Standard size tins of Baby Powder	11 8 + P.T.
3 Family size tins of Baby Powder	5 0 + P.T.
Free display stand and display contents	- - -
Normal trade price	£2 11 2 + P.T.
BONUS DISCOUNT PRICE	£2. 7. 6 + P.T.

*This new year goodwill offer—chemists only of course—is open until the end of February.
Order now or see your representative.*

S. MAW SON AND SONS LIMITED, BARNET, ENGLAND

Sensational success in Midlands!

NOW LOXENE MEDICATED HAIR CREAM

GOES NATIONAL WITH

THIS TREMENDOUS ADVERTISING

What Loxene Medicated Hair Cream is—and what it can do for your customers.

Loxene Medicated Hair Cream is an entirely new and different Hair Cream which, in addition to giving perfect all-day grooming, also ensures freedom from dandruff.

Your customers will want Loxene Medicated Hair Cream because it gives them everything the best hair cream can give them *plus freedom from dandruff*.

Make sure, *now*, that your order will meet the big and increasing demand for the one and only medicated hair cream on the market!

ORDER FROM our representative when he calls to show you a sample and to place his services at your disposal, or direct from:

F. W. HAMPSHIRE & CO. LTD.
SUNNYDALE, DERBY

Urgent orders phone Derby 22202 (3 lines)

DAILY EXPRESS

These Big spaces

1 $\frac{1}{2}$ PAGE**1 13" x 5 COLUMNS****2 13" x 5 COLUMNS****6 11" x 3 COLUMNS****DAILY HERALD**

These Big spaces

1 13" x 5 COLUMNS**4 11" x 3 COLUMNS**

and so make the colour
Don't ignore dandruff — ever.
Keep the scalp clinically clean —
preferably with a good medicated
shampoo — then maintain hair
health and freedom from dandruff
with the antiseptic action of

DAILY MIRROR

These Big spaces

2 WHOLE PAGES**4 10 $\frac{1}{2}$ " x 5 COLUMNS****5 10 $\frac{1}{2}$ " x 3 COLUMNS****NEWS CHRONICLE**

These Big spaces

1 13" x 5 COLUMNS**4 11" x 3 COLUMNS****DAILY MAIL**

These Big spaces

1 15 $\frac{1}{2}$ " x 5 COLUMNS**1 13" x 5 COLUMNS****5 11" x 3 COLUMNS**

NOW... EVERYTHING THE BEST HAIR CREAM CAN GIVE YOU

PLUS freedom from DANDRUFF

30 second 'spots'
two or three times a week
on the Tyne Tees and
Wales and West T.V.

Into the formula for Loxene Medicated Hair Cream made by the
makers of the famous Loxene Medicated Shampoo, have gone all
the ingredients contained in the finest hair creams plus the unique
colourless medication that actually protects against the development
and spread of dandruff and other troublesome hair and scalp
conditions.

So, for healthy hair, handsome hair, insist on Loxene, the
Medicated Hair Cream. Then you know that your hair is always
smooth and smart, is always getting the all-day protection it
needs to stay as healthy and handsome as it naturally should be.



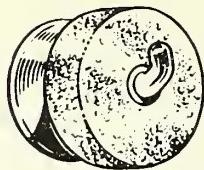
LOXENE

MEDICATED HAIR CREAM

Start your own
Scentinel Hygiene Dept.
It MAKES Sales

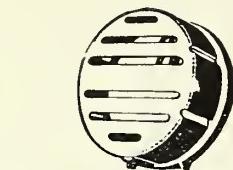


**THIS
DISPLAY
STAND
FREE!**



"SWISH"

Toilet bowl cleanser and disinfectant. Held in pan by suction hook. 1/6 complete. Refills 9d.



"MIKE"

Popular air-freshener in plastic holder, with suction grip. Complete 2/9. Refills 1/3 and 9d.

**DISPLAY STAND
FREE!**

SEND IN THE COUPON AND GET FULL DETAILS OF OUR FREE OFFER. OUR REPRESENTATIVE WILL CALL AND SET UP THE DISPLAY IN YOUR STORE.

NEW HYGIENE LTD., 266 - 268 HOLLOWAY ROAD, LONDON, N.7
 Telephone: NORth 5041-2-3

Telegrams: AIROGENA-HOLWAY, CODE A B C



This striking Display Stand showing the whole range of Scentinel Home Fresheners will make regular sales, profitable sales. Show Scentinel products and they sell themselves. You see them advertised in National Magazines and on TV—so do your customers.

**We're telling the Homes of the Nation—
GIVE YOUR HOME A MODERN AIR—
HAVE "SCENTINEL" FRESHNESS EVERYWHERE!
and you can cash in on our campaign**



"QUIFF"

The fragrant air-freshener spray, Aerosol 5/6. Squeeze bottle 3/6. Refills 1/6.

"WHAM"

The fragrant fly-spray in squeeze bottle 3/6. Refills 1/6. Aerosol 5/6.



"BOBBY"

Attractive new package for hanging in wardrobes or cupboards 2 $\frac{3}{4}$ " square. 1/- complete.



"MINOR"

Fragrant chemical block in unbreakable holder, with suction grip, 1/6 complete. Refills (also fit "Mike" or any small container) 9d.

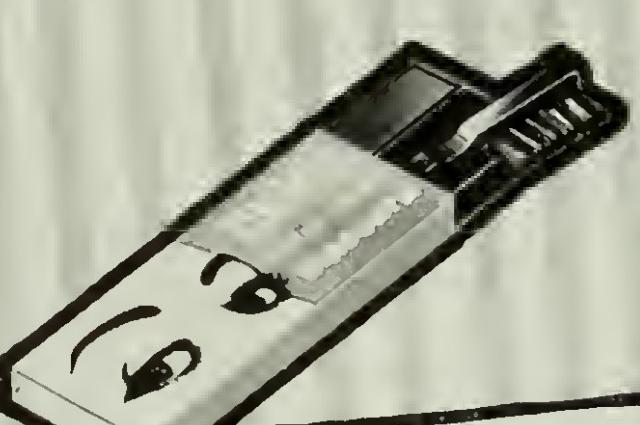
PLEASE SEND DETAILS OF YOUR DISPLAY STAND OFFER.

NAME.....

ADDRESS.....

NOW TO BE ADVERTISED ON THE GREATEST SCALE

Beauty on a budget



RIMMEL mascara

The new-formula eyelash make-up perfected in France. Dramatises the eyes, giving a glamorous curl to each separate eyelash. Enables you to get 'beauty expert' results with complete ease and safety, even if you have never used eye make-up before. Does not sting. Complete with brush. Shades: Black, Dark Brown, Light Brown, Blue, Green.

1/3

ON BEAUTY COUNTERS EVERYWHERE

THE RIMMEL 'BEAUTY ON A BUDGET' SERIES INCLUDES:
LIPSTICK, FACE POWDER, LIQUID MAKE-UP, CREAM ROUGE, EYE SHADOW,
EYE BEAUTY PENCIL, PERFUME, SOLID COLOGNE, CLEANSING MILK, 2-IN-1 BEAUTY CREAM,
NAIL LACQUER, NAIL LACQUER REMOVER, HAND BEAUTY CREAM, PERFUMED DEODORANT STICK,
AND OATMEAL BEAUTY PACK - ALL AT 1/3.

**beauty
on a
budget**

RIMMEL liquid complexion

The perfect make-up base. Gives your complexion that day-long radiantly 'flawless' look. Softens the skin and helps to keep it smooth. Non-drying. Suitable for all skin types. Shades: Cream Rose, Peach Glow, Pink Blossom, Desert Peach. ON BEAUTY COUNTERS EVERYWHERE

1/3

**Beauty
on a budget**

RIMMEL eye shadow

Creamy smooth. Makes the eyes look larger, intensifies their colour, and gives them depth.

1/3

ON BEAUTY COUNTERS
EVERYWHERE

**Beauty
on a
budget**

Beauty on a budget

NEW!

RIMMEL

nail lacquer

Now you can have glamorously colourful nails, in an instant, that will stay immaculately lovely for longer than ever. This new nail lacquer, easy-to-apply, quick-to-dry, is available in the most exciting new colours.

16 shades: Natural Pink, Talked About and True Red, as well as Colourless.

COUNTERS EVERY
BEAUTY ON A BUDGET SERIES INCLUDES:
FACE POWDER, LIQUID MAKE-UP, CREAM ROUGE, MASCARA,
EYE BEAUTY PENCIL, PERFUME, SOLID COLOGNE, CLEANSING MILK,
2-IN-1 BEAUTY CREAM, NAIL LACQUER, NAIL LACQUER REMOVER,
HAND BEAUTY CREAM, PERFUMED DEODORANT STICK,
AND OATMEAL BEAUTY PACK - ALL AT 1/3.

1/3

**Beauty
on a budget**

**Beauty
on a
budget**



RIMMEL eye beauty pencil

For emphasising the eyebrows and lining the eyes. Silky smooth. Does not scratch.

1/3

**Beauty
on a budget**



RIMMEL deodorant stick

Delicately perfumed. A touch every morning keeps you flower-fresh throughout the day.

1/3

ON BEAUTY COUNTERS
EVERYWHERE

**Beauty
on a budget**

RIMMEL lipstick

A touch of this long-lasting, creamy-smooth lipstick brings dramatic colour to your lips, and keeps them looking invitingly soft and dewy fresh. Seven glamorous shades to choose from.

1/3

ON BEAUTY COUNTERS
EVERYWHERE

RIMMEL perfume

Compliment yourself, and charm him, with the fragrance of a RIMMEL perfume. Choose from: Talked About, Muguet, Vocalise, Gardenia, Lilas.

1/3

YOUR CUSTOMERS WILL SEE ADVERTISEMENTS FOR RIMMEL 'BEAUTY ON A BUDGET'

day after day, week after week

AND, FREQUENTLY, THREE ADVERTISEMENTS IN THE SAME ISSUE AT THE SAME TIME

ADVERTISEMENTS IN FEBRUARY				ADVERTISEMENTS IN MARCH					
DAY	DATE	PUBLICATION	SIZE OF ADVERTISEMENT	PRODUCT FEATURED	DAY	DATE	PUBLICATION	SIZE OF ADVERTISEMENT	PRODUCT FEATURED
MON.	2ND	Daily Mirror	WHOLE DOUBLE COLUMN	NAIL LACQUER	MON.	2ND	Daily Mirror	WHOLE DOUBLE COLUMN	NAIL LACQUER
TUES.	3RD	Woman's Realm	WHOLE PAGE	NAIL LACQUER	TUES.	3RD	Woman's Realm	WHOLE PAGE	LIPSTICK
TUES.	3RD	Woman's Realm	WHOLE SINGLE COLUMN	LIQUID MAKE-UP	WED.	4TH	Daily Sketch	5" SINGLE COLUMN	NAIL LACQUER
TUES.	3RD	Woman's Realm	QUARTER PAGE	MASCARA	WED.	4TH	Daily Sketch	5" SINGLE COLUMN	LIPSTICK
WED.	4TH	Daily Sketch	5" SINGLE COLUMN	PERFUME	WED.	4TH	Daily Sketch	5" SINGLE COLUMN	NAIL LACQUER REMOVER
WED.	4TH	Daily Sketch	5" SINGLE COLUMN	LIPSTICK	THUR.	5TH	Modern Woman	WHOLE PAGE	MASCARA
WED.	4TH	Daily Sketch	5" SINGLE COLUMN	MASCARA	FRI.	6TH	True Story	WHOLE PAGE	LIPSTICK
THUR.	5TH	Daily Mirror	5" SINGLE COLUMN	PERFUME	FRI.	6TH	Woman's Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP
THUR.	5TH	Daily Mirror	5" SINGLE COLUMN	LIPSTICK	FRI.	6TH	Woman's Mirror	5" SINGLE COLUMN	LIPSTICK
THUR.	5TH	Daily Mirror	5" SINGLE COLUMN	MASCARA	FRI.	6TH	Woman's Mirror	5" SINGLE COLUMN	FACE POWDER
THUR.	5TH	Modern Woman	WHOLE PAGE	NAIL LACQUER	MON.	9TH	Daily Mirror	5" SINGLE COLUMN	EYE BEAUTY PENCIL
FRI.	6TH	Woman's Mirror	5" SINGLE COLUMN	PERFUME	MON.	9TH	Daily Mirror	5" SINGLE COLUMN	DEODORANT
FRI.	6TH	Woman's Mirror	5" SINGLE COLUMN	LIPSTICK	MON.	9TH	Daily Mirror	5" SINGLE COLUMN	NAIL LACQUER
FRI.	6TH	Woman's Mirror	5" SINGLE COLUMN	MASCARA	TUES.	10TH	Sincerely	WHOLE PAGE	LIPSTICK
MON.	9TH	Daily Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP	WED.	11TH	Daily Sketch	WHOLE DOUBLE COLUMN	MASCARA
MON.	9TH	Daily Mirror	5" SINGLE COLUMN	EYE BEAUTY PENCIL	THUR.	12TH	Everywoman	WHOLE PAGE	MASCARA
MON.	9TH	Daily Mirror	5" SINGLE COLUMN	LIPSTICK	FRI.	13TH	Woman's Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP
TUES.	10TH	Sincerely	WHOLE PAGE	NAIL LACQUER	FRI.	13TH	Woman's Mirror	5" SINGLE COLUMN	LIPSTICK
TUES.	10TH	Woman's Day	WHOLE PAGE	NAIL LACQUER	SAT.	14TH	Woman & Home	WHOLE PAGE	ROUGE
WED.	11TH	Daily Sketch	WHOLE DOUBLE COLUMN	NAIL LACQUER	MON.	16TH	Woman's Weekly	WHOLE PAGE	NAIL LACQUER
THUR.	12TH	Everywoman	WHOLE PAGE	NAIL LACQUER	MON.	16TH	Daily Mirror	5" SINGLE COLUMN	MASCARA
FRI.	13TH	Woman's Mirror	5" SINGLE COLUMN	NAIL LACQUER	MON.	16TH	Daily Mirror	5" SINGLE COLUMN	PERFUME
FRI.	13TH	Woman's Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP	MON.	16TH	Daily Mirror	5" SINGLE COLUMN	MASCARA
FRI.	13TH	Woman's Mirror	5" SINGLE COLUMN	EYE BEAUTY PENCIL	TUES.	17TH	Woman's Companion	5" SINGLE COLUMN	CLEANSING MILK
MON.	16TH	Woman's Weekly	WHOLE PAGE	NAIL LACQUER	WED.	18TH	Daily Sketch	5" SINGLE COLUMN	LIPSTICK
MON.	16TH	Daily Mirror	5" SINGLE COLUMN	NAIL LACQUER	WED.	18TH	Daily Sketch	5" SINGLE COLUMN	PERFUME
MON.	16TH	Daily Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP	WED.	18TH	Daily Sketch	5" SINGLE COLUMN	SOLID COLOGNE
MON.	16TH	Daily Mirror	5" SINGLE COLUMN	EYE BEAUTY PENCIL	WED.	18TH	Daily Sketch	5" SINGLE COLUMN	LIQUID MAKE-UP
TUES.	17TH	Woman's Realm	WHOLE PAGE	MASCARA	FRI.	20TH	True Magazine	WHOLE PAGE	NAIL LACQUER
TUES.	17TH	Woman's Companion	WHOLE PAGE	NAIL LACQUER	FRI.	20TH	True Romances	WHOLE PAGE	LIPSTICK
WED.	18TH	Daily Sketch	5" SINGLE COLUMN	EYE SHADOW	FRI.	20TH	Woman's Mirror	WHOLE DOUBLE COLUMN	LIPSTICK
WED.	18TH	Daily Sketch	5" SINGLE COLUMN	LIPSTICK	FRI.	20TH	Photoplay	WHOLE PAGE	MASCARA
WED.	18TH	Daily Sketch	5" SINGLE COLUMN	MASCARA	MON.	23RD	Daily Mirror	5" SINGLE COLUMN	SOLID COLOGNE
FRI.	20TH	True Magazine	WHOLE PAGE	NAIL LACQUER	MON.	23RD	Daily Mirror	5" SINGLE COLUMN	EYE BEAUTY PENCIL
FRI.	20TH	Woman's Mirror	WHOLE DOUBLE COLUMN	MASCARA	MON.	23RD	Daily Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP
MON.	23RD	Daily Mirror	5" SINGLE COLUMN	LIPSTICK	WED.	25TH	Woman & Beauty	WHOLE PAGE	NAIL LACQUER
MON.	23RD	Daily Mirror	5" SINGLE COLUMN	LIQUID MAKE-UP	WED.	25TH	Daily Sketch	5" SINGLE COLUMN	SOLID COLOGNE
MON.	23RD	Daily Mirror	5" SINGLE COLUMN	DEODORANT	WED.	25TH	Daily Sketch	5" SINGLE COLUMN	DEODORANT
WED.	25TH	Woman & Beauty	WHOLE PAGE	NAIL LACQUER	WED.	25TH	Daily Sketch	5" SINGLE COLUMN	PERFUME
WED.	25TH	Daily Sketch	5" SINGLE COLUMN	DEODORANT	THUR.	26TH	Woman's Story Mag.	WHOLE PAGE	LIPSTICK
WED.	25TH	Daily Sketch	5" SINGLE COLUMN	HAND BEAUTY CREAM	SAT.	28TH	Wife & Home	WHOLE PAGE	NAIL LACQUER
WED.	25TH	Daily Sketch	5" SINGLE COLUMN	MASCARA	SAT.	28TH	My Home	WHOLE PAGE	NAIL LACQUER
FRI.	27TH	Woman's Mirror	5" SINGLE COLUMN	PERFUME					
FRI.	27TH	Woman's Mirror	5" SINGLE COLUMN	2-IN-1 BEAUTY CREAM					
FRI.	27TH	Woman's Mirror	5" SINGLE COLUMN	MASCARA					

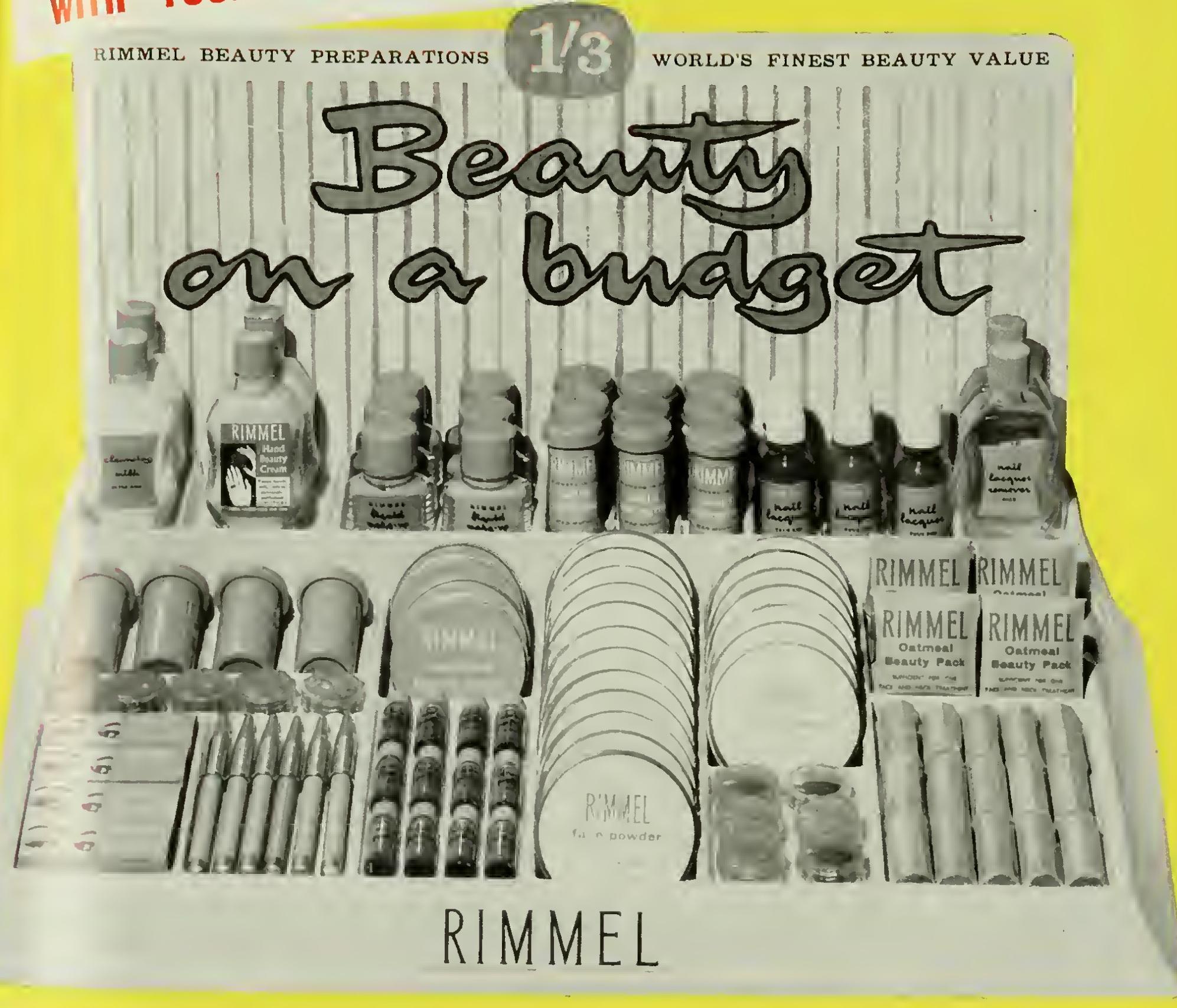
The advertisements from April onwards will be announced later

THIS COUNTER TRAY, IN GAY
YELLOW, IS SUPPLIED FREE
WITH YOUR INITIAL ORDER

RIMMEL BEAUTY PREPARATIONS

1/3

WORLD'S FINEST BEAUTY VALUE



STANDARD INITIAL ORDER

PREPARATION	QUANTITY	COST PER DOZEN	TOTAL COST			PREPARATION	QUANTITY	COST PER DOZEN	TOTAL COST		
			£	s.	d.				£	s.	d.
LIPSTICK. True Red, Mandarin Red, Gay Red, Dangerous Red, Pink Orchid, Talked About Pink, Pink Ice.	6 doz.	7/1	2	2	6	PERFUME. Tonight or Never, Lilas, Muguet, Talked About, Gardenia, Vocalise.	2 doz.	7/1		14	2
FACE POWDER. Pink Peony, Pink Hyacinth, Moss Rose, New Rachel, Angelica, Tiger Lily.	1 doz.	7/1		7	1	SOLID COLOGNE. Iced Gardenia, Iced Muguet, Iced Lavender.	2 doz.	7/1		14	2
LIQUID MAKE-UP. Peach Glow, Desert Peach, Cream Rose, Pink Blossom.	2 doz.	7/1		14	2	OATMEAL BEAUTY PACK.	1 doz.	7/1		7	1
CREAM ROUGE. Natural Pink, True Red, Pink Ice, Pink Orchid.	1 doz.	7/1		7	1	2-IN-1 BEAUTY CREAM.	1 doz.	7/1		7	1
MASCARA (French formula). Dark Brown, Light Brown, Black, Green, Blue.	3 doz.	7/1	1	1	3	HAND BEAUTY CREAM.	1 doz.	7/1		7	1
EYE BEAUTY PENCIL. Black, Dark Brown, Grey, Light Brown, Blue, Green.	2 doz.	7/1		14	2	CLEANSING MILK.	1 doz.	7/1		7	1
EYE SHADOW. Blue/Green, Blue, Green, Grey.	2 doz.	7/1		14	2	DEODORANT STICK.	1 doz.	7/1		7	1
						NAIL LACQUER. Natural Pink, Talked About Pink, Pink Ice, Pink Orchid, True Red, Colourless.	3 doz.	7/1	1	1	3
						NAIL LACQUER REMOVER.	1 doz.	7/1		7	1
						Total 30 dozen ..		£10	12	6	
						Purchase Tax 60%		£ 6	7	6	
						Total Cost .. .		£17	0	0	

You earn £5: 10: 0
'quickest-ever' profit
on your initial order

FROM THEN ON, THE SKY'S THE LIMIT

The Rimmel "Beauty on a Budget" Counter Tray, with every beauty preparation at only 1/3, has established new records for speed of turnover in thousands of Chemists' shops and stores throughout the country.

It attracts customers of all ages and all income groups; and they buy not just a single preparation, but everything they need which they see on the tray. Never have you been able to earn so much, so quickly, from so little counter space—only 12½" x 18½".

If you want to earn profit the quickest way—by giving your customers what they want, at the price they want to pay—you owe it to yourself to place your order NOW.

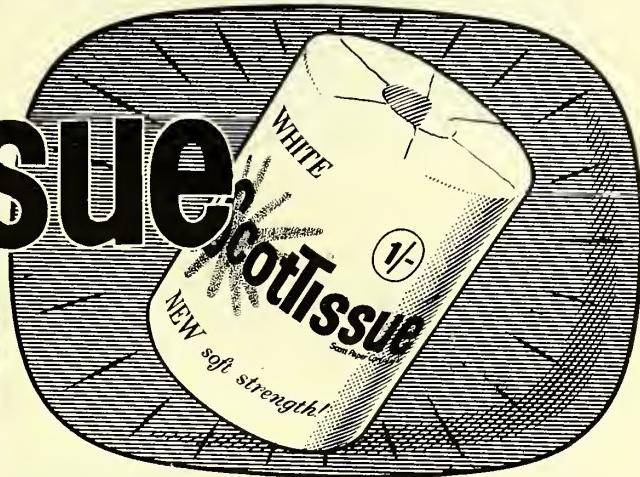
RIMMEL

Beauty on a budget

WORLD'S FINEST

BEAUTY VALUE

Now— ScotTissue, on TV!



**Powerful EXTRA advertising support
for ScotTissue—on all stations**

Throughout February the new ScotTissue commercial will be seen over 90 times!

This commercial puts over the compelling selling message already heavily advertised in leading women's magazines.

Soft ScotTissue for only one shilling!

This persuasive advertising will convince your customers of the softness and wonderful value of ScotTissue.

Order NOW! And profit fully from the Bowater-Scott range. Extra discounts start at only 2 cases!

**Make sure you build special displays to
meet this great new demand for ScotTissue!**

The soft tissue toilet-roll at

only 1/- a roll

2-roll economy pack 1/11

Big New Year BONUS OFFER for ELLIMAN'S FIBRO CREAM



**14 TO THE DOZEN OR
7 TO THE HALF DOZEN**

from 15th January to 15th February,
1959, inclusive to all retail chemists
and to all our wholesale customers

Giving you

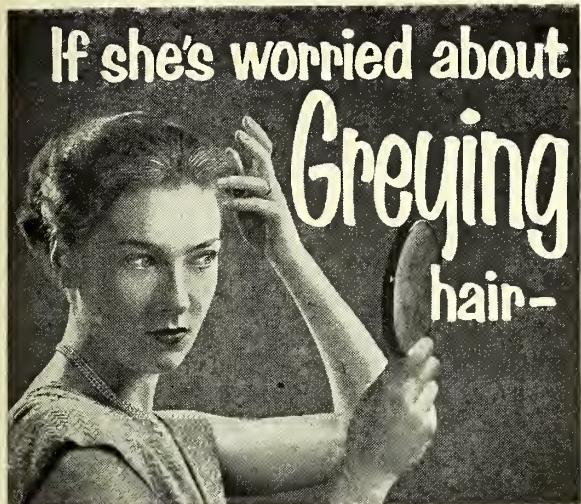
67%
PROFIT
on outlay

Millions of readers will see—and *read*
the Elliman's Fibro Cream ads in these

BIG CIRCULATION
papers, in January, February & March

News of the World
Sunday Express
Sunday Dispatch
Daily Mirror
Daily Express
Woman's Mirror

Make your New Year *extra prosperous*—get ready now for
the big, extra profitable demand for Elliman's Fibro Cream.
Order from Potter & Moore or your usual wholesaler.



If she's worried about Greying hair— sell her progressive "hair magic" BROWNS

BY INECTO

**— for colouring hair up to
50% grey semi-permanently**

The Progressive Brown shades of 'Hair Magic' (Brown, Ashen Brown and Chestnut Brown) subtly conceal grey hair, blending it imperceptibly with the natural hair colour. As easy to use as a shampoo. No skin test necessary. Depth of colour depends simply on the time left on the hair (10-25 minutes). 'Hair Magic' conditions the hair, giving it a lovely sheen. Lasts for weeks.

Also in the Progressive range are Smoky Gray, for giving glamorous, even tones to grey hair, and Damson for a deep auburn effect on black, dark or medium hair.

From all wholesalers

Price 2/8 (inc. P.T.) Retail 4/-

Complete with directions and colour chart

Advice Bureau:

INECTO HOUSE, 27 DOVER STREET, LONDON, W.1
CFH/IN9/4

HYDe Park 7541 (12 lines)



THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland
and the Pharmaceutical Society of Northern Ireland*

Volume 171

January 31, 1959

No. 4119

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LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.

ANNUAL SUBSCRIPTION

which includes The Chemist and Druggist Diary and Year Book, £2 10s. Single copies one shilling each.

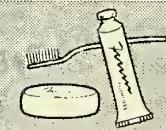
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Woolley
for
all
your
requirements*



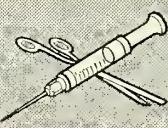
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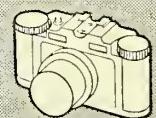


CHEMISTS' SUNDRIES



SURGICAL INSTRUMENTS

PHOTOGRAPHIC EQUIPMENT



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WELLCOME INSTITUTE LIBRARY A PROSPEROUS INTERNATIONAL COMPANY

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companies, especially private companies, whose products are sold through these same trade channels. Consideration may also be given to the acquisition of successful brands distributed either locally or nationally.

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The CHEMIST AND DRUGGIST

Volume 171

JANUARY 31, 1959

No. 4119

Conference Science Sessions VISUAL AIDS TO BE PROVIDED

AS an aid to authors of and to promote discussion on papers presented at the science sessions of the 1959 British Pharmaceutical Conference meeting, the Conference Executive is providing a blackboard and is hoping also to provide projectors for 3½-in. sq. slides and 35-mm. film strip.

A blackboard was used for the first time at a Conference science session last year (see *C. & D.*, September 27, p. 337). The Conference general secretaries (Drs. E. F. Hersant and D. Train) ask that any speaker wishing to use those aids should give prior notice.

The procedure for the submission of science papers is to be the same as in 1958: authors are to be offered the alternative of sending papers either as a complete paper of suggested 4,000-words maximum, or as a communication not longer than 1,000 words (two pages of the *Journal of Pharmacy and Pharmacology* when complete with title, references, tables and figures). The short communication may take the form of a brief report in place of a full paper when time or other circumstances have not permitted a detailed full paper to be written up; or a report of work of a somewhat less original character than is required for a full paper, but which is yet of a sufficiently high standard; or a report, complete in itself, but forming part of a research project so far unfinished. The same standard is to be applied to both types of paper in assessing their suitability for acceptance. Papers of either type are invited on subjects of pharmaceutical interest and the titles of papers should be notified to the secretaries so soon as possible.

Closing Date: June 1

So that galley proofs of each paper may be available as usual before the meetings manuscripts should be submitted not later than June 1. As the success of the discussions at the science sessions depends on prior circulation of those copies, no manuscripts of either type of paper received after that date are being considered. All papers accepted for the Conference are being published in the *Journal of Pharmacy and Pharmacology*, together with a summary of the discussion on them. The publication of "short communications" does not debar the submission of a subsequent full length paper for later publication in the *Journal of Pharmacy and Pharmacology*. Authors of contributions accepted for the Conference and later published, are entitled to a limited

number of reprints. Both "complete" papers and "short communications" should comply strictly with "Notice to Contributors" issued by the Editor of the *Journal of Pharmacy and Pharmacology*, a copy of which is available to any intending author on application. In order to ensure adequate time for the presentation and discussion of all papers submitted, the time taken in presenting each paper is being limited. Authors are asked to submit, with three copies of their manuscripts and three copies of diagrams and figures (only one of which need comply with the requirements given in "Notice to Contributors") a statement of not more than 600 words and to present their papers by reading those statements to the Conference. The statement should not be a summary of the work done, but should draw attention to points of special interest or significance in the paper and, if appropriate, give the reasons prompting the research. Diagrams and tables should not be included in the statement.

The Conference is being held at Bournemouth, September 21-25.

Assistants-in-dispensing

INCREASE BACK-DATED TO NOVEMBER 1

DETAILS have been given of an agreement reached in December 1958 by the Professional and Technical Council "B" of the Whitley Council for an increase in the salary scale of assistants-in-dispensing in hospitals. The increase is back-dated to November 1, 1958. The new salary scale (circular P.T.B. 97) is:

Age	Salary per annum
16	£175
17	£190
18	£215
19	£245
20	£280
21	£320
22 and over	£395 x £15 (5) x £20 (2) —£510.

London weighting where applicable is applied on the following basis:—Age 16 to 20, £10 annually; age 21 to 25, £20 annually; age 26 and over £30 annually. A qualification allowance of £20 annually is to be added to the salary of an assistant-in-dispensing aged 18 or more who holds one of the following qualifications:—The certificate of the Society of Apothecaries of London; the dispensing certificate of the R.A.M.C. or R.A.F.; a qualification approved by the Minister of Health or Secretary of State for Scotland as being equivalent to one of those qualifications; a certificate given by the employing authority that the assistant-in-dispensing is fully qualified to perform the



VICTIM OF PROGRESS : To make way for large-scale rebuilding, the Dispensary in Union Street, Birmingham, was recently demolished. One of the features of the building, which was erected in 1808 to the designs of a local architect, William Hollins, to represent the temple of Hippocrates, was the sculptured panel shown in the illustration. The panel, also Hollins' work, depicts a woman surrounded by devices of healing and is inscribed "Of the most high cometh healing."

highest duties appropriate to the class. There are also special allowances when assistants-in-dispensing are: working single-handed; responsible for the custody and replenishment of dispensary supplies; supervising other assistants-in-dispensing. Hours of duty are thirty-nine a week exclusive of luncheon intervals and the annual leave for employees up to twenty-one years of age is twelve working days; for older persons eighteen working days are granted in addition to statutory holidays. If required to attend an evening clinic outside a thirty-nine-hour working week, the assistant-in-dispensing receives 5s. 6d. per hour. Part-time staff working eighteen or less hours per week are entitled to 5s. 6d. per hour. Above eighteen hours a week an appropriate proportion of the full-time salary is allowed.

The Art of Selling

A REPEAT OF A SUCCESSFUL COURSE

OWING to continued interest and demand, the British Institute of Management has invited Mr. Heinz M. Goldmann to return to Britain to repeat his two-day course for salesmen and sales executives on the "Art of Selling." It is to be held at the National Film Theatre, South Bank, London, S.E.1, March 16 and 17. Half the 350 places have already been reserved. Basically this, the third course in twelve months, is similar to the first two held in the spring and autumn of 1958, but new ideas and practical experience gained by Mr. Goldmann during his travels since the second course in September 1958, are being incorporated. The course in March is divided into ten sessions: advanced salesmanship in today's market; why the customer says "No"; detecting buying motives; how to appeal to primary and secondary buying motives; picking your sales appeal; how to sell your price; getting your interview; the sales process—the interest phase; the sales process—the concluding phase; the sales manager and the salesman. Fees for the course are £12 12s. (members of B.I.M.), £15 15s. (non-members) and include a copy of Mr. Goldmann's book "How To Win Customers," which has been published in twelve languages. Applications should be made to the Institute, 80 Fetter Lane, London, E.C.4.

Sugar Surcharge

INCREASE OF ONE-HALFPENNY PER LB.

THE surcharge on sugar, levied by the Sugar Board, was increased from January 22 by approximately one-halfpenny per lb. of refined sugar. Surcharge repayments, payable by the Sugar Board on goods entitled to drawback of sugar duty (for example, on export), were correspondingly increased provided that surcharge had been paid on the goods at the new rate. The increase in the surcharge is necessary because the Board is required to balance its revenue account "taking one year with another." The Board's account showed an under-recovery of £7·6 millions at June 30, 1958, and since then the guaranteed price paid by the Board for

Commonwealth sugar has increased and the world price has recently fallen.

Forged Prescriptions

THREE LONDON CASES

THE London Executive Council at their meeting on January 22 were "very much concerned" at the increase in the number of irregular prescriptions which were brought to their attention and three recent cases which had been dealt with by the police were noted. In one case the defendant had attempted to obtain haustus paraldehydi and Nembutal capsules on stolen prescription forms; another concerned an attempt to obtain 1,000 dextroamphetamine tablets; the third referred to two attempts to obtain 110 Drinamyl tablets.

Narcotic Drugs

W.H.O. AMENDED REQUIREMENTS IN 1958

THE third supplement to the estimated world requirements of narcotic drugs (C. & D., October 18, 1958, p. 407), shows that both the United Kingdom and Ireland amended their requirements for 1958. The United Kingdom increased the estimate for oxymorphone from 1 gm. to 501 gm.; dipipanone from 1 kilo to 8 kilos, and a new entry for propoxyphene, 500 gm. was added. Ireland added 1 kilo of normethadone.

SCOTTISH NEWS

N.H.S. Local Committees

EMPLOYEE NOMINATIONS

NOMINATIONS for candidates for employee vacancies on Local Pharmaceutical Committees in Scotland (see C. & D., December 27, 1958, p. 676) must be received not later than noon on February 9 by the Returning Officer (Mr. M. M. McNeill), 36 York Place, Edinburgh, 1. The nominations must include the following particulars:—Committee in respect of which nomination is made; full name and address of candidate (*block letters*); whether candidate is employed in a hospital or health centre, or by a contractor in business in the area; signatures and addresses of the two employee pharmacists who propose and second the nomination; signature of candidate as an intimation that he or she is willing to accept nomination. No person is eligible as a candidate, or as a proposer or seconder, unless his or her name is included in the list of electors prepared by the Returning Officer.

Co-op Pharmacies

INTENDED EXPANSIONS

A NUMBER of Scottish Co-operative societies are understood to be considering or planning extensions to their retail pharmacies. Falkirk United Co-operative Society, Ltd., is proposing to establish in the town centre a pharmacy 1,800 sq. ft. in area and two smaller units. Bathgate Co-operative Society plans to refit its drug department and the Dunfermline Society is considering improvements to its central drug department. The Clydebank So-

cietiy and the Scottish Co-operative Wholesale Society, Ltd., are others reported to be planning extensions.

IRISH NEWS

THE REPUBLIC

Young Priests' Society

PHARMACY BRANCH MEETING

MR. Malachi Leonard (president) was in the chair at the nineteenth annual meeting of the Pharmacy branch of the St. Joseph's Young Priests' Society, held in Dublin recently. The annual report stated that receipts were considerably lower than in the previous year, because some subscriptions had been received too late for inclusion in the account. They had been carried forward to the next financial year. Tribute was paid in the report to the Rev. T. Walsh, O.P., for his work as spiritual director of the branch. Mr. Leonard stressed the need for more promoters. Without an active and zealous corps of promoters the branch could not be healthy and progressive. Proposing the adoption of the report, Mr. Hugh P. Corrigan (president, Pharmaceutical Society of Ireland) said that he was impressed with all that had been done by the branch. Only by the support of all in the profession, and those associated with it, could that work be carried on. Mr. P. McAuliffe (president, Irish Drug Association) seconded and the report was unanimously adopted. The meeting then heard an address by the Rev. Fr. Gray, O.P., on how members of the Society could each help the missions. Those who wish to become promoters should contact Miss E. Flynn, 23 Merrion Square, Dublin.

THE NORTH

Poisons Law

CHANGES TO LIST AND RULES

ON February 1 the Poisons (Amending) (No. 2) Regulations (Northern Ireland) 1958 (S.R. & O. 1958, No. 199) and the Poison List (Amendment) Order (Northern Ireland) 1958 (S.R. & O., 1958, No. 198) become effective in Northern Ireland. The main details are similar to the legislation which was reported in the C. & D., July 5, 1958, p. 1, with an additional entry in Group II of the Third Schedule which exempts from control "Oestrogenic substances, natural and artificial," when in the form of "preparations for animal feeding and animal treatment."

Poisons Board

FIRST THREE-YEAR-TERM COMPLETED

THE Northern Ireland Poisons Board has completed its first statutory term of three years. Appointments have been made for the next term and the Board is again under the chairmanship of Professor F. H. Newark (Queen's University, Belfast). Other members are Professor F. M. B. Allen, Professor O. L. Wade, Messrs. W. R. Kerr, C. L. Wilson, A. J. Howard, K. L. Robinson, W. H. Boyd, G. E. McIlhagger, C. A. Quinn, C. W. Young and J. N. Patterson.

IRISH BREVITIES**THE REPUBLIC**

THE next meeting of the Chemists' Debating Society is being held at the College of Pharmacy, Dublin, on February 3, when Mr. R. Purcell is to speak, after which there is to be a debate on the proposition "That all students in Dublin should reside in hostels."

THE NORTH

THE president of the Pharmaceutical Society of Northern Ireland (Mr. H. G. Campbell) was "at home" to about eighty members and associates in the Society's house, Belfast, on January 20, when a film on "Diuretic Therapy with Saluric" was shown. Dr. J. J. F. Merry (Merck Sharp & Dohme, Ltd.) explained the difficulties of making such a film.

NEWS IN BRIEF

FIRST Master of Churchill College, Cambridge (see *C. & D.*, June 28, 1958, p. 678), is Sir John Cockcroft (at present head of research, Atomic Energy Authority).

A REQUEST from Shrewsbury town council, for chemists in Shrewsbury to remain open half an hour later, has been turned down by Salop Executive Council.

PHOTOGRAPHIC equipment and supplies valued at several thousand pounds were recently destroyed in a fire at Southall Bros. & Barclay, Ltd., manufacturing chemists, 220 Corporation Street, Birmingham.

AMONG passengers stranded on Orkney because of bad weather on January 19 and 20 was Mr. A. J. Fraser, M.P.S., Berkeley Drive, West Molesey, Surrey, who was on his way to marry Miss I. Miller at Lerwick on January 21.

WORCESTER Chamber of Commerce is planning to set up a "complaint panel" to which dissatisfied customers may complain in the presence of the shopkeeper concerned about goods they have bought. The panel may decide that a customer's money should be returned or that the article should be exchanged.

THE Ministry of Health, asked for a decision on who was responsible for the repair of flowmeters loaned out by a chemist contractor and damaged by a patient, replied to Oldham Executive Council stating that, in the particular case mentioned, the cost of repair would not be an appropriate charge on National Health Service funds. Generally the chemists' fee for hire was intended to cover the cost of fair wear and tear including any necessary maintenance.

THE January 24 issue of the *Grocer* publishes correspondence between a company of grocers, who asked Keldon, Ltd., for details of their marketing arrangements for the supply of Optrex and Famel products to grocers and village shops "now that the Chemists Federation has come to its overdue end," and Messrs. Keldon, who replied: ". . . No alteration has been made to our policy confining the sales of our products to registered pharmacists only. . ." A similar reply had been received from British Alkaloids, Ltd., about the supply of T.C.P.

TOPICAL REFLECTIONS

By Xrayser

Council Representation

In describing the objects and aims of the newly formed Welsh Pharmacists' Association, its president (Mr. R. H. Williams, J.P.) referred (p. 80) to the fact that there was no member from South Wales on the Pharmaceutical Society's Council, and only one (Mr. G. H. Hughes) from North Wales. There is thus only one voice from the Principality in the conduct of pharmaceutical affairs at Bloomsbury. The same is true of Scotland. It is obvious that success at the polls for a Welshman or a Scot depends on the votes of members outside of the countries concerned, for even the support of all members in those countries would be insufficient to secure election. The question of regional or territorial representation on the Council has often been mooted, but nothing has come of it. It may be that the formation of an association such as that described by Mr. Williams would offer more than would result from a mere increase in numbers at Bloomsbury Square, for the concerted views of a regional organisation have weight. Welsh interests at the moment have the voice of Mr. Hughes at the Council table, but it must be borne in mind that the return of Mr. Hughes is due to the votes of members throughout the country who value his capacity to deal with pharmaceutical affairs as they affect the country as a whole. Scotland's position is not quite the same, since there is a Scottish Department of the Pharmaceutical Society with its own Executive, ensuring that the views of Scotland may be heard at the Council table regardless of numerical Council representation. Another source of vocal pressure over the whole kingdom is provided by the machinery of branch organisation. Members should ensure the effectiveness of that machinery by being active in branch affairs. The points mentioned are not to be taken as disapproval of the Welsh Association. I wish it all success in its efforts, and urge members to give it their active support.

Medical Services Inquiry

The appointment of a representative committee to investigate and report on medical services in the light of ten years' experience of the National Health Service (p. 79) would seem to herald a herculean task requiring much patient research. It is expected that the inquiry will take two years. The sponsors are the leading medical organisations in the country, but the terms of reference are wide. The chairman (Sir Arthur Porritt) is prepared to accept evidence from the whole field of those with an interest in the Health Service, and is requesting evidence from all organisations concerned with the ancillary medical services. It would seem that useful information might be supplied by various pharmaceutical bodies, which should consider their position in good time. The "open invitation to anybody, lay or medical, to bring up any points he wants to" may produce valuable material. It is good to note that there is recognition of the fact that the Service is primarily a service for those who use it.

Advice

Since reading your report of the January meeting of the Council of the Pharmaceutical Society (p. 64) I have been pondering. It was reported at that meeting that a letter had been received from the Ministry of Health expressing the hope that the Society would not hesitate to bring to the notice of the Standing Pharmaceutical Advisory Committee any question relating to pharmacy and pharmacists in the National Health Service which it was thought appropriate for that committee to consider. The letter stated that matters relating to the remuneration and conditions of pharmacists in the N.H.S. were decided through Whitley Council procedure, and that it was not the practice of advisory committees to comment on such questions. The Council—rightly, in my view—accepted the invitation but rejected the limitation put on the functions of the Advisory Committee. If, owing to dissatisfaction at any time with remuneration or conditions, any part of the pharmaceutical service were endangered, surely an advisory body would be entitled to advise. "Conditions" is an extremely wide term.

TRADE NOTES

Now Nationally Marketed.—Denclen plastic-denture cleanser, the manufacturers of which are Krauth Chemicals, Ltd., Weybridge, Surrey, is now being nationally advertised. Each bottle contains a "built-in" plastic brush.

Winchester Pack.—The Armour Laboratories (Armour Chemical Industries, Ltd.), Hampden Park, Eastbourne, have introduced an 80-oz. hospital and dispensing pack of Arcofac (Armour cholesterol lowering factor).

"Ethicals" in the North Midlands.—Smith & Hill (Chemists), Ltd., Matilda Street, Sheffield, 1, offer "service second to none" in the supply of ethical pharmaceutical preparations to pharmacists in the north Midlands from their depôts at Matilda Street, Sheffield, 1; Cardinal Street, Nottingham; and Urban Road, Hexthorpe, Doncaster.

Competition Prize-winners.—Winners in the fourteenth Sanatogen window display competition organised by Genatosan, Ltd., Loughborough, Leics., were the Hawley Pharmacy, Hewlett Road, Cheltenham, Glos. (£20); J. Bell & Croydon, 50 Wigmore Street, London, W.1 (£10); and C. H. Wright (Chemists), Ltd., Prenton, Birkenhead, Ches. (£15).

Tooth-paste Offers.—D. & W. Gibbs, Ltd., Hesketh House, Portman Square, London, W.1, are making special offers on all three sizes of SR tooth-paste. Two standard-size SR tubes are offered in a twin-pack at a saving of ninepence on the normal price, and consumers are offered, with the large and economy sizes, a free sample of Erasmic brushless or lather shaving cream.

Still Making Quinine.—Carnegies of Welwyn, Ltd., Welwyn Garden City, Herts, affirm there is no foundation for a rumour that the company is ceasing to make and market quinine. As already announced (*C. & D.*, January 17, p. 61), the company, since its acquisition by Rexall Drug Co., Ltd., is continuing to operate in Welwyn Garden City as manufacturers of bulk chemicals. An expanded programme of manufacture is being put in hand.



GIFT OFFER:
Clear coloured plastic rain hood given free to customers for 2s. 3d. tin of Astral skin cream (D. & W. Gibbs, Ltd., London, W.1).

Acid Production to be Expanded.—Solway Chemicals, Ltd., are expanding their sulphuric acid and cement capacity at Whitehaven by 50 per cent. The existing plant, which was started up in 1955, is producing both sulphuric acid and cement at the rate of 100,000 tons a year.

Appointed Distributors.—Charles H. Windschuegl, Ltd., 1 Leadenhall Street, London, E.C.3, have been appointed sole distributors for the chemical products of Chemische Fabrik Stockhausen & Cie., Krefeld, Germany. One item in the range, Antispumin HF has, they state, proved its value in the manufacture of penicillin and other antibiotics because of its good defoaming action and because it is non-toxic towards antibiotic cultures, permitting high yields to be obtained.

Something Different in Showcards.—A permanently "glazed" 8 in. x 6 in. showcard produced by Duncan, Flockhart & Co., Ltd., 16 Wheatfield Road, Edinburgh, 11, for their Baumol soap is in unusually restrained type sizes and carries the legend "Something Different in Soap: Discriminating people have come to know of BAUMOL SOAP mainly through personal recommendation. They and their families adopt it and tell their friends. That's why BAUMOL, one of the least advertised of toilet soaps, is one of the most widely used—by persons of discernment," with price and maker's imprint.

Discontinued

KELDON, LTD., Wadsworth Road, Perivale, Middlesex, have discontinued issuing Perivale chilblain ointment.

SAVORY & MOORE, LTD., 60 Welbeck Street, London, W.1, have discontinued issuing the 5-oz. and 10-oz. sizes of Dentural and in their place are substituting an 8-oz. size.

Aureomycin oral drops (20-c.c. vial with dropper) have been deleted from the catalogue of the LEDERLE LABORATORIES DIVISION, CYANAMID OF GREAT BRITAIN, LTD., Bush House, Aldwych, London, W.C.2.

THE DISTILLERS CO. (BIOCHEMICALS), LTD., Broadway, London, S.W.19, announce that they are withdrawing on February 2, the following packs: Solulen (vial of 0·1 mega units); Solulen buffered (vials of 0·2, 0·5 and 2 m.u.); streptomycin stabilised (vials of 1 and 5 gm.); and Distavit B₁₂ (ampoules of 20 microgm.).

Bonus Offers

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2. Haliborange tablets, Allenburys pastilles and Dequadin lozenges. Bonus offers (see *C. & D.*, September 6, 1958, p. 236) end January 31.

BURROUGHS WELLCOME & CO. (the Wellcome Foundation, Ltd.), 183 Euston Road, London, N.W.1. Marzine. Fourteen to doz. on one-gross order.

CHESEBROUGH-POND'S LTD., Victoria Road, London, N.W.10. Vaseline medicated shampoo. Six doz. sachets charged

as 4 doz.; 3 doz. bottles charged as two doz. (Introductory offer).

RIMMEL, LTD., 146 New Bond Street, London, W.1. "Beauty-on-a-budget" cosmetic series. Counter-display tray size 18½ x 12½ in. with every standard-price product on show, free with £17 opening order.

S. MAW, SON & SONS, LTD., Barnet, Herts. Baby products. 7½ per cent. display discount on bonus parcel (two boxes anticolic teats; twelve standard tins and three family-size tins baby powder; display stand and display contents). Until February 28.

CIBA LABORATORIES, LTD., Horsham, Sussex. Trafuril cream. Fourteen to



doz. (plus display outer and crowner as illustrated).

E. R. HOLLOWAY SALES, LTD., Bessemer Road, Welwyn Garden City, Herts. Barnet combs in new "magnum" cabinet. 1 doz. Barlon pocket combs free with "dispenser" display pack containing 6 doz. assorted Barnet nylon and 6 doz. Barlon combs.

Calls for Tenders

THE Board of Trade has issued details concerning tenders sought by various overseas bodies, and an outline is given below of the requirements and closing dates. For fuller information readers should apply, quoting reference, to Export Services Branch, Lacon House, Theobalds Road, London, W.C.1.

Soda ash, sodium aluminate, sodium sulphite and caustic soda. Director General of Supply and Development, Chittagong, Pakistan. (ESB 32194/58. February 11.)

Pharmaceutical preparations 110 items. Dy. Director General of Supply and Development, Chittagong, Pakistan. (ESB 553/59. February 16.)

Pharmaceutical preparations. 1. Thirty-nine lots, estimated value: B.Frs. 18 millions. Ministry of the Belgian Congo and Ruanda Urundi, Brussels, and the Government General, Leopoldville. (ESB 1062/59. February 13.)

INFORMATION WANTED

The Editor would appreciate information about:
Ventifoam sponge

NEW PRODUCTS AND PACKS

Influenza Virus Polyclonal Vaccine.—Pfizer, Ltd., 137 Sandgate Road, Folkestone, are marketing an influenza virus polyclonal vaccine containing three strains of inactivated type-A virus and one of inactivated type-B virus. The Asian strain of type-A virus which was responsible for the 1958 pandemic is present in a concentration twice that of the other two components.

Viomycin Sulphate and Pantothenate.—Ciba Laboratories, Ltd., Horsham, Sussex, announce the introduction to general practitioners from February 1 of Vionactane, a mixture of two viomycin salts: the sulphate and pantothenate. The mixture is understood to be better tolerated locally than the sulphate alone, and far less likely to cause undesirable side-effects. The product is given by intramuscular injection. It is available in rubber-capped vial containing the equivalent of 1 gm. of viomycin base.

Hydrocortisone Aerosol.—Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent, are introducing on February 2 an aerosol formulation of hydrocortisone: Cortril spray. Each spray pack contains 100 mgm. of hydrocortisone in a specially formulated propellant, and the contents are sprayed on to the skin in conditions in which hydrocortisone is indicated, the application being made by depressing the button for a few seconds, with the nozzle held at a distance of 10 in. from affected part.

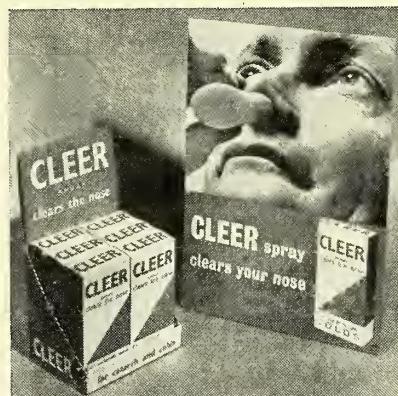
Effervescent Alkalised Aspirin.—Continental Laboratories, Ltd., 101 Great Russell Street, London, W.C.1, are introducing on February 2 a new speciality Conprin, a soluble, effervescent, alkalised aspirin powder. Conprin is issued in a sachet packed for stability. It contains vitamin C. The formula was devised in the light of recent research on the drawbacks to the use of previously available aspirin preparations. The packs hold twelve, twenty-four and 240 (dispensing pack) sachets respectively.

Diarrhoea Treatment.—Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham, announce the introduction of a speciality, Ivax: a ready-prepared liquid preparation for treating diarrhoeas. Each fl. oz. of the product contains 4 gm. of sulphaguanidine, B.P.; 300 mgm. of neomycin sulphate, B.P.; and 6 gm. of light kaolin, B.P., in a pleasantly flavoured vehicle. Ivax is indicated in the treatment of bacillary dysentery, food poisoning, infantile and summer diarrhoeas and other specific and non-specific diarrhoeas. Its effect is to consolidate the stools, suppress infecting organisms and soothe the irritated mucosa. Issued in bottle of 6 fl. oz.

"Two-phase" Control in Angina.—Allied Laboratories, Ltd., 140 Park Lane, London, W.1, announce that, from February 2, Corangil tablets (C. & D., November 15, 1958, p. 526) are being brought to the notice of the medical profession in most parts of the country. Corangil tablets contain glyceryl trinitrate in their outer coating and when allowed to dissolve in the mouth provide imme-

diate relief from acute anginal pain. An inner core contains pentaerythritol tetranitrate, dihydroxypropyl theophylline, magnesium trisilicate and papaverine hydrochloride, so that, when the core is swallowed, prolonged relief is provided against anginal attacks and the ability given to maintain effort without pain. Should the tablet be swallowed whole the glyceryl trinitrate would produce little or no vasodilatation and the long-acting drugs in the core would still reduce the frequency of anginal attacks. The tablets are thus of especial value, it is claimed, in aborting an attack if taken before any exertion or emotional stress that would otherwise precipitate such an attack. Corangil tablets are issued in containers of fifty, 250 and 1,000 tablets.

Nasal Spray.—Universal Laboratories, Ltd., 137 Sandgate Road, Folkestone, Kent, are launching a new nasal



spray, Cleer, issued to chemists in display outer of six units.

Diet Food Supplement.—Greenwood Laboratories, Ltd., Meadow Works, Welham Green, Herts, are marketing a new product, "Formula 21," a diet food supplement comprising lemon-flavoured granules of methyl cellulose, together with vitamins B₁ and C, calcium, reduced iron, riboflavin, nicotinic acid and dextrose. Each tin of the product contains approximately 10½ oz. (twenty-one days' supply) and is packed in display carton with 24-p. booklet on the causes and treatment of overweight, and with suggested diets. In a series of controlled tests, users were found to lose an average of 20 lb. during a course.

Alginate Dressings.—Wallace, Cameron & Co., Ltd., 83 West Regent Street, Glasgow, C.2, have made their Ultraplast alginate styptic dressings available for sale to the public. Hitherto the dressings have been supplied only to hospitals, governmental bodies and industry. Ultraplast consists of a lint pad medicated with domiphen bromide, B.P.C., encased in an anti-septic alginate gauze, and backed by an elastic adhesive plaster. Before use in the dressing the alginate has been processed, spun and knitted into a silk-like gauze which, in contact with tissue fluids, softens into a jelly and provides a styptic action as well as protecting the wound: as it does not adhere to the wound it is easily and painlessly re-



moved after use. A special retail pack has been prepared containing four dressings, each individually wrapped in a heat-sealed moisture proof transparent envelope.

Nail Lacquer.—Latest item in the "beauty on a budget" products of Rimmel, Ltd., 146 New Bond Street, London, W.1, is an easy-to-apply, quick-to-dry nail lacquer available in natural pink, "talked-about" pink, "pink ice," pink orchid, true red and colourless varieties.

Medicated Shampoo.—Chesebrough-Pond's Ltd., Victoria Road, London, N.W.10, announce the introduction of a new medicated shampoo for family use: Vaseline brand medicated shampoo. The product is claimed specially effective in dealing with dandruff and scalp germs because it contains Bithionol, a local anti-infective agent strongly adsorbed on to the skin and hair and which inhibits the growth and reproduction of susceptible skin bacteria. Its action is persistent, helping to maintain a reduced bacterial count between shampoos.

"Bumper" size Talc.—Jane Seymour, Ltd., 162 New Bond Street, London, W.1, are marketing a new Jane Seymour talc in "bumper" size tin of blue metallic finish overprinted in pink, pale blue and grey. The talc is available in "Embrace" and "Blue Gardenia" perfumes, the first described as "a modern exciting perfume with the quality of champagne" and the second "a modern and sophisticated version of the perfumer's favourite flower." Both products are silk-sifted and tinted to a soft flesh pink. Included in the formulation is a modern deodorant.

"Super-soft" Baby Pants.—J. Allen Rubber Co., Ltd., Whitecroft, Lydney, Glos., are marketing, under their trade name Marigold, "super-soft" baby pants of Swedish design. The pants are easily and quickly put on and secured with "popper" fasteners, adjustable for before and after meals. Made of a nylon material, they are available in small, medium, large and extra large sizes, each with pockets of special design to keep the napkin in place. They are sent out to retailers six "window"-cartoned pairs to a box. Counter display stands and displays are available.

Swim Cap in Individual Pack.—W. W. Haffenden, Ltd., Richborough Rubber Works, Sandwich, Kent, are this year marketing their Trident swimming cap in an individual pack with film "window." The box is printed in two colours and has a device enabling it to be suspended from the wall or from a rod fitting.

EXAMINATION RESULTS

Successful Pharmaceutical Chemist candidates in Scotland

THE following candidates satisfied the examiners in the Pharmaceutical Chemist Qualifying examination held by the Pharmaceutical Society in Scotland in December 1958. († = Certificate withheld pending evidence of practical training or age):—

†Ainsley, S., Durham
 Aitken, J. A., Rowlands Gill
 †Alcock, M. L., Newcastle-on-Tyne
 †Alderson, J. D., Crook
 †Anderson, Helen A., Edinburgh
 †Anderson, Irene M., Clarkston
 Aveson, B. T., Glossop
 †Baird, Christine W., Stevenston
 †Bell, Elizabeth, Glasgow
 Bowman, J., Newcastle-on-Tyne
 Capstick, Sheila, Blackburn
 †Caw, Alexis S., Glasgow
 †Cheng, Wing K., Victoria
 †Christie, B. A., Aberdeen
 †Christie, J. G., Aberdeen
 †Clark, M. A., Paignton
 Cockburn, H. J. K., Stratheaven
 Cook, Marjorie E., Egremont
 Cooper, Peggy, Shipley
 Craig, Coralie A. M., Portchester

†Dangour, Clelia, Glasgow
 Davies, J. A., Sheffield
 †Dawson, Heather S., Joppa
 †Duncan, B. G., Newport, Dundee
 Evans, W. J., Llanelli
 †Ferguson, Helen C. W., Glasgow
 †Filipkowska, Zofia, Acton
 Forster, I. G., Giltnock
 Fowler, C., Stockton-on-Tees
 †Graham, Pauline, Sunderland
 †Halcrow, J. M., South Shields
 †Henderson, K. S. B., Edinburgh
 †Heyes, P. H., Whitley Bay
 Holmes, C. L., Leeds
 †Hope, D., Houghton-le-Spring
 †Houston, Winifred C., Glasgow
 James, D. I., Llanelli
 Janssen, P. A., Manchester
 †Jefferies, R. F., Arnold
 Jenkins, J. D., Leeds
 †Kirkpatrick, Agnes S., Airdrie

†Krol, Irena M., Clapham
 †Latter, H. G., Glasgow
 Lawton, B. M., Long Eaton
 Leivers, B., Ilkeston
 Limback, Josephine M., Hull
 †Lochhead, Janet D., Denny
 †McGinty, J., Edinburgh
 †McLean, Jean H., Stonehouse
 †McLeod, Margaret E., Banchory
 †McPhail, D. E., Glasgow
 †Martin, Doris R. G., Aberdeen
 †Massarella, Etta M., Sunderland
 †Matthew, Vida E. H., Edinburgh
 †Millican, Barbara, Sunderland
 †Moffat, Edna D., Glasgow
 Monk, D., Easington Colliery
 †Moore, Patricia, Whitley Bay
 †Oldham, Audrey M., Glasgow
 Owens, Sally A., Bradford
 Paul, A. G. W., Paignton
 †Pitkethly, W. N., Newcastle-on-Tyne
 †Reilly, T. G., Dundee
 †Richardson, Margaret McN., Hamilton
 Robertson, Elizabeth M., Edinburgh
 Robertson, T. A., Rutherglen

†Robinson, Margaret, Newcastle-on-Tyne
 †Rock, Jill B., Rowlands Gill, co. Durham
 Rollins, M., Leeds
 †Russell, Mary H., Glasgow
 †Russell, Rosalind M., Glasgow
 Senogles, G., Burnley
 †Sharp, B., Consett
 †Smail, G. A., Glasgow
 †Spencer, C. L., Sandown
 Stansfield, J. B., Blackpool
 Stevenson, R. M., Glasgow
 Stockill, T. A., Brough
 Sutner, S., Manchester
 †Thompson, Elizabeth E., Glasgow
 Turner, Muriel D., Bradford
 †Ukiwe, A. E., Portsmouth
 Walker, Florence, New Deer
 Watson, M. A., Leeds
 Watts, D. D., East Boldon
 Weed, Angela C., Enfield
 †White, R. L., Leeds
 †Wilson, Hazel M., Aberdeen
 †Wilson, Lorna C., Arbroath
 Wright, R., Lowestoft
 Wright, Susan E., Stratford-on-Avon
 †Yates, Celia M., Glasgow
 Young, T. S., Forth

ROMFORD

Pharmacists "Too Modest"

OVER 200 members and friends attended the fourteenth annual dinner and dance of the Romford and District Branch of the Pharmaceutical Society, held at Hutton on January 21. The chairman (Mr. John Harbour) and Mrs. Harbour received the guests, who included Dr. Bourne (chairman of the local branch of the British Medical Association), Mr. Tom Reid (a member of Council of the Pharmaceutical Society), Mr. E. G. H. Campany (chairman, Southend-on-Sea Branch), Mr. C. Collinge (chairman, East Metropolitan Branch), and Mr. O. H. Waller (Editor, THE CHEMIST AND DRUGGIST). Proposing the toast "The Pharmaceutical Society of Great Britain," DR. BOURNE referred to the bond of friendship and loyalty that existed between many doctors and pharmacists. In his opinion pharmacists were too modest about the important part they played in the successful working of the National Health Service. They had a keen sense of duty and he and his colleagues appreciated the help they gave so willingly and freely to patients. MR. TOM REID, who responded, conveyed the regret of Mr. Steinman at being unable to attend. Mr. Reid thanked Dr. Bourne for his complimentary remarks about pharmacists, who, he said, were able to offer the medical profession an increasing knowledge on new developments. MR. O. H. WALLER, in proposing the toast "The Romford and District Branch," seemed to display a detailed and humorous knowledge of local history, and of past venues of the annual dinner, and MR. HARBOUR (chairman), in his response, welcomed

BRANCH EVENTS

guests to the new venue which, he pointed out, was only one of a number of changes in line with the policy of the branch in keeping itself up to date with new ideas. The changes were obviously approved by those present, who applauded his remarks. MR. K. H. ROSE proposed the toast to the guests, and the response was made by MR. E. G. H. CAMPANY. Business houses provided prizes for a raffle by which over £30 was raised for the Benevolent Fund of the Pharmaceutical Society.

LIVERPOOL

Preventing Entry

"Do you get many people breaking into chemists' shops to steal tranquillisers or Dangerous Drugs?" This question was asked at the meeting of Liverpool Chemists' Association and Branch of the Pharmaceutical Society on January 22, when chief inspector N. COTTAM, of the Liverpool City Police, gave a talk on the prevention of crime, with emphasis on the precautions that should be taken by shopkeepers and others. The questioner said he had in mind drug addicts. Inspector Cottam's reply was that such cases were few and far between in Liverpool, the drug addict cases being only one or two a year.

MR. H. W. COTTLER, who presided, said windows of his shop had been broken on a number of occasions. Only the previous Sunday morning he had been called out by the police because the panel on the front door of his shop had been broken. He had deadlocks on the doors, the back door was sheeted with steel and the upstairs windows were barred on the inside. INSPECTOR COTTAM said that a little effort in coun-

tering thieves would save a lot of trouble and inconvenience. Some of the points he made were:—When goods are delivered don't leave them in the shop doorway or passage; take them in right away; articles such as cameras and electric shavers should be taken from the shop window at night; alternatively have a grille, which locks automatically, inside the window. Outside grilles were useless. Small goods should not be placed in the front of the window near to the grille when it is dropped in position at night; doors of the premises should have a good make of deadlock (mortise) lock; and bars on windows should be on the inside. No matter what the protection, one would never stop the expert thief from gaining entry. The only answer was to have a silent burglar alarm which connects with the police. Bell alarms were of little use. When taking cash to and from the bank in a bullion bag, use a handcuff with a chain which is attached to the handle of the bullion bag. The handcuff and chain costs about 14s. 6d. Thieves doing this type of job have only 30 to 35 seconds "to get your cash" and "they can't do it in this time if the handcuff and chain is used. Consequently, it acts as a deterrent." Do not leave articles in your car where they can be seen; put them in the boot. To prevent the car from being stolen, have an arrangement consisting of a piece of wire with a switch, costing about a shilling, which will cut out the coil. MR. M. A. COOPER asked if it was good policy to leave the till open, with £2 or £3 in it, at night to prevent a thief doing further damage. INSPECTOR COTTAM: "No. He would put the money in his pocket and look for more. He is used to those tricks."



IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

"THE expert witnesses whom I consulted have no evidence that the manufacturers' claims [for tooth-pastes] were false," said SIR DAVID ECCLES (President of the Board of Trade) on January 22 in reply to a question by MISS F. E. BURTON. She had asked for legislation amending the Merchandise Marks Acts so that tooth-paste manufacturers and others had to substantiate statements made in advertisements.

MISS BURTON suggested that the President did not want to do anything in the matter. Some two years ago she raised the matter with him and he was unable to bring a case because he thought that the evidence was not sufficient for his solicitors to work on. Now the matter had been put the other way round by asking the manufacturers to prove their claims and he was still adamant. SIR D. ECCLES: "In this case of an advertisement which claims that if a certain tooth-paste were used it would not be necessary to brush one's teeth so often, I am informed that it would take five years of clinical tests to see whether the claim was justified. I do not think that that is something which we should do." MISS BURTON: "I am not referring only to the brushing of teeth or to one claim but to the whole matter?" SIR D. ECCLES: "It is extremely hard for a Government Department to be expected to try to substantiate every claim made in every advertisement."

Restrictive Trade Practices

MR. S. IRVING asked SIR DAVID ECCLES (the President of the Board of Trade) on January 22 what steps were being taken to develop machinery for follow-up investigation of agreements which were having to be abandoned either after a decision of the Court of Restrictive Practices or were stated to have been abandoned before registration. SIR D. ECCLES: "The Registrar is responsible for bringing to the attention of the Restrictive Practices Court any breaches of undertakings to or injunctions by the Court of which he becomes aware. . . ."

Staphylococcal Infections

On January 26 MR. DEREK WALKER-SMITH (Minister of Health) said he was considering what steps were necessary to supplement the recommendations in the report from the Standing Medical Advisory Committee on hospital staphylococcal infections (*C. & D.*, January 24, p. 89).

Prescription Charges

MR. A. BLENKINSOP on January 26, asked the Minister of Health what proposals he had for amending legislation to enable patients who chose private medical treatment to have the cost of prescriptions charged against the National Health Service. MR. DEREK WALKER-SMITH replied "None at the moment, but the British Medical Association have asked for an early discussion and I shall give careful consideration to what they say." He later stated the date for the meeting had not been fixed. MR. R. E. PRENTICE asked the Minister if he was aware that the

system of charging one shilling for each item on a prescription had led to an increase in the cost of the prescription service, owing to the tendency of the doctors to prescribe larger quantities and whether he would consider the abolition of the charges. MR. D. WALKER-SMITH: ". . . In this context the additional cost due to the prescribing of larger quantities for chronic conditions must be set against the saving resulting from the substantial reduction in the number of prescriptions and the additional receipts from charges. I am satisfied that, as a result of the change in the basis of patients' charges, the burden on the Exchequer was less than it would otherwise have been."

Corticosteroid Drugs

LIEUT.-COLONEL BROMLEY-DAVENPORT asked the Minister of Health on January 26 whether his attention had been drawn to the recent sharp drop in the price of corticosteroid drugs . . . and what information he had as to how far that was caused by improved manufacturing methods and how far by increased competition between manufacturers. MR. R. THOMPSON (Parliamentary Secretary to the Ministry of Health) said the decrease in price of these drugs was the result of longer experience and increased efficiency of production which, as was usual, had led to increased competition between manufacturers.

Mental Health Bill

The Mental Health Bill, a long Bill of 146 clauses and eight schedules (*C. & D.*, January 10, p. 39), received its second reading on January 26.

Purchase Tax

MR. GRESHAM COOKE asked the Chancellor of the Exchequer if he was in a position to make a statement about possible changes in purchase tax. In a written reply on January 26, MR. HEATHCOAT AMORY indicated he had no statement to make at the present, he must be free to consider the possibility of such changes in the context of the Budget.

MR. G. D. N. Nabarro, on January 27 asked the Chancellor of the Exchequer if he was aware that plain paper sold to chemists in small sheets for wrapping medicine bottles was chargeable with purchase tax. Although in general, wrapping paper was not chargeable. What line of demarcation as to size was considered appropriate as between purchase taxed and non-purchase taxed wrapping paper; and whether he would remove all wrapping paper from purchase tax. MR. HEATHCOAT AMORY in a written reply stated purchase tax was payable on stationery paper and the liability was not affected by the fact that in individual cases it may be bought for use as wrapping. Wrapping paper as such was not subject to tax.

Replying to another question, the Chancellor stated he had received and noted a number of representations for an immediate reduction in purchase tax.

COMPANY NEWS

Last year's figures in parentheses

BARCLAY & SONS, LTD.—Incorporated Securities, Ltd., announces that the bidder of 2s. 4d. for the 2s. Ordinary shares of Barclay & Sons, Ltd. (*C. & D.*, December 20, 1958, p. 655), has now completed the maximum purchase of 500,000 shares specified in the offer.

R. B. PULLIN, LTD.—Final ordinary dividend is held at 15 per cent., making an unchanged total of 20 per cent. for the year ended September 30, 1958. In addition, the board announce a special interim dividend of 5 per cent. in respect of 1959. Group net profits, before tax, amounted to £271,501 (against £236,774). Tax absorbs £122,043 (£162,852).

LAPORTE INDUSTRIES, LTD.—Because of ill-health, Mr. W. J. Piggott is to retire from the board on March 31 after fifty-two years of continuous service. The Honourable F. A. Leathers and Professor F. S. Spring, F.R.S., have been appointed directors. Professor Spring (at present Freelander Professor of Chemistry, Royal College of Science and Technology, Glasgow), takes up the executive appointment of director of research of the Laporte group on July 1. Mr. V. W. Slater, a director, continues as chief chemist of the group.

UNITED GLASS BOTTLE MANUFACTURERS, LTD.—At a meeting of Ordinary stockholders on January 28 it was decided to increase the authorised Ordinary share capital by £1 million. The chairman (Mr. L. A. Elgood) stated that it was not intended to issue any of the additional capital, but rather to have it available for future expansion of the business. It was also agreed at the meeting to change the name of the company to United Glass, Ltd., with effect from March 1, as the company now manufactures many other glass articles in addition to bottles.

New Companies

P.C. = Private Company; R.O. = Registered Office

J. R. RICHARDS (CHEMISTS), LTD. (P.C.)—Capital £100. To carry on the business of chemists, etc. Directors: John R. Richards and James Kent, M.P.S. R.O.: 11 Redbridge Lane East, Ilford, Essex.

NIGROID FERRIS, LTD. (P.C.)—Capital £9,900. To acquire the rights in recipes of and carry on the manufacture of Nigroids; to carry on the business of chemists, druggists, etc. Directors: George A. B. James, Manilla Lodge, Clifton Down, Bristol, 8. Roger C. Shutter and Arthur M. McWatters.

BUSINESS CHANGES

THE Anglo-Dutch Trade Council has now moved its offices to 45 Raamweg, The Hague, Holland.

CLEARY'S MEDICAL HALL, LTD., advise that their address is now 74 Cromac Street, Belfast.

SAVORY & MOORE, LTD., have acquired the business of F. J. Foulkes, High Street, Bletchingley, Surrey, as from February 2.

THE associated companies, Economic Utilities, Ltd., and Robert Pintus &

Co., Ltd., Royal London House, Finsbury Square, London, E.C.2, have amalgamated and from February 1 are to trade under the title Briess, Pintus & Co., Ltd., at the same address.

THE pharmacy formerly carried on by Miss C. Rooney, Ph.C., at Templeogue, Dublin, has been acquired by Mr. Michael Shannon, Ph.C. Miss Rooney (now Mrs. C. A. O'Dwyer) has gone to reside in New Zealand following her marriage.

Appointments

GENATOSAN, LTD., have made the following appointments to their medical sales force:—Mr. A. L. Ferguson (South-west Scotland); Mr. W. W. Smith (North-east Scotland); Mr. G. Pearce (North London and Hertfordshire); Mr. W. A. Stone (Hampshire).

GOLDEN, LTD., 7 Grosvenor Street, London, W.1, have appointed Mr. J. Mees their representative for Yorkshire, Durham, Northumberland and North Lincolnshire, and Mr. G. C. Cosgrove, for the Home Counties, South and South-east England and East Anglia.

MAYBORN PRODUCTS, LTD., Dylon Works, Berryman's Lane, London, S.E.26, have appointed Mr. P. C. Hill their representative in the West Country. Formerly in the East Midlands and East Anglia, Mr. Hill takes over from Mr. E. H. Mizen, who retires on March 26.

PARKE, DAVIS & CO., LTD., Staines Road, Hounslow, Middlesex, have appointed Dr. E. M. Morgan, B.Pharm., to a newly created post of research manager. Mr. S. G. Davis, B.Pharm., F.P.S., has been appointed superintendent of production, succeeding Mr. W. Waterman, M.P.S., who is retiring.

AYRTON, SAUNDERS & CO., LTD., announce the following new appointments to the representative staff: East Lancashire area: Mr. C. Gorse, 566 Burnley Road, Crawshawbooth, Rossendale, Lancs.; Birmingham area: Mr. C. Trower, 2 Romsley Close, Rubery, Birmingham; S.E. Yorkshire and the Northern parts of Lincolnshire, Nottinghamshire and Derbyshire: Mr. C. R. Hoole, 92 Wake Road, Nether Edge, Sheffield 7; Westmorland, Cumberland, Dumfries and Kirkudbright areas: Mr. R. Gifford, Fieldfoot, Rydal, Ambleside, Westmorland.

DEATHS

MCCRae. — On January 20, Mr. William McCrae, M.P.S., Glenshena, Kidsneuk, Irvine, Ayrshire. Mr. McCrae qualified in 1937.

MCCRONE.—On January 26, Robert McEwan McCrone, F.P.S., 9 Main Street, Coatbridge, Lanarks. Mr. McCrone served his apprenticeship with James McDuff & Co., Paisley, and qualified in 1931. He was from 1938 a member of the Pharmaceutical Society's board of examiners for Scotland. Mr. McCrone was a former chairman of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society and recently resigned from the committee after twenty-five years' service. He was a well-known figure at Branch

Representatives' meetings of the Pharmaceutical Society.

MR. C. A. VIAN

WE regret to announce the death, on January 21, of MR. CHRISTOPHER ARTHUR VIAN, chairman of Morgan Brothers (Publishers), Ltd., proprietors of THE CHEMIST AND DRUGGIST.

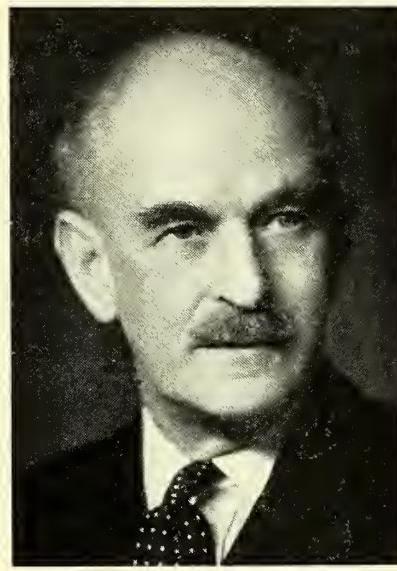


Photo: Elliott & Fry.

Mr. Vian was born on March 30, 1897, and educated at Downside School. During the 1914–18 war he served in the Coldstream Guards and was wounded while on active service. Upon demobilisation he held positions with the French Asphalt Co., Ltd., London, S.W.1, and the Morgan Crucible Co., Ltd., London, S.W.11, before joining Morgan Brothers at 42 Cannon Street, London, E.C.4, as private secretary to the directors in 1925. On April 1, 1927, he was appointed secretary of the company and in 1936 a director, and he continued to act in both capacities, apart from service in the 1939–45 war, for which he was awarded an M.B.E., until April 1, 1949. On that date he was made managing director of the company, and when Sir A. U. M. Hudson died in November 1956 he became chairman and managing director. Mr. Vian was held in great affection and respect by the staff of the company, by whom he will be greatly missed.

PERSONALITIES

MR. G. CUTHBERT (Betts & Co., Ltd., Holloway Mills, Elthorne Road, London, N.19), recently completed fifty years' service with the company. To mark the occasion Mr. A. Elliott Young (deputy chairman of the company) presented Mr. Cuthbert with a gold watch.

MR. ROBERT W. RAMSEY, who is a director of Evans Chemicals Ltd., Elstree, Herts, has now been appointed general manager of the company. Mr. Ramsay joined Messrs. Evans as its buyer in 1946; in 1950 he was appointed a director and secretary of Biometica, Ltd. (an associated company). In January 1958 he was appointed to the board of the main company.

MR. J. N. HODKINSON, M.P.S., 16 Lower Road, Rotherhithe, S.E.16, is the chief beneficiary (about £30,000) in the will of Mrs. Mary Campion, Clinton Crescent, St. Leonards-on-Sea, who died last October. Mr. Hodkinson intends to continue in retail pharmacy.

DR. FREDERICK WOLFF (clinical pharmacologist to the Wellcome Foundation, Ltd.) is taking up an appointment as assistant professor of medicine at Johns Hopkins Hospital, Baltimore, Maryland, U.S.A. He is to work with Doctors McGee Harvey and Louis Lasagna in the division of clinical pharmacology, and to continue studies in diabetes and cardiovascular disorders. He is leaving the Wellcome Foundation, Ltd. on January 31.

MR. RICHARD TIMONEY, Ph.D., M.Sc., Ph.C., A.R.I.C., who was recently granted three months' leave of absence by the Pharmaceutical Society of Ireland (see *C. & D.*, January 24, p. 96) to take up a scholarship at the Max-Planck Institute, Munich, Germany, has been Dean of the Society's

College of Pharmacy since 1952. Dr. Timoney achieved early pharmaceutical distinction by winning the Society's gold medal in the year (1943) in which he gained his licentiate. In gaining his B.Sc. degree in 1949 he took first place and passed with honours, going on to take the M.Sc. degree. On his return from Munich Dr. Timoney will resume his duties as Dean of the College.

MR. D. COLLINS (Goya, Ltd., 161 New Bond Street, London, W.1) was the winner with his eleven-year-old daughter Anna, of the Clarendon Cup at the parent-and-child relay ski race at Wengen, Switzerland, recently. As a result, Anna will receive racing training by the Ski Club of Great Britain.

MR. T. D. MACKINNON, M.P.S. (Mackinnon (Chemists), Ltd., 957 Govan Road, Glasgow, S.W.1), who was a member of the British mountaineering expedition to Kanchenjunga in 1955, has been elected president of the Scottish Mountaineering Club. Mr. Mackinnon has given an illustrated talk on the Kanchenjunga expedition to several of the Scottish branches of the Pharmaceutical Society.

MR. S. G. DAVIS, who has been appointed superintendent of production of Parke, Davis & Co., Ltd. (see p. 112), as an analyst, a member of the company's products development group and, finally, as assistant to superintendent of production, has been a member of the organisation for many years. Mr. Davis qualified as B.Pharm. from the University of Wales and acquired experience in retail pharmacy before choosing an industrial career.

DR. E. M. MORGAN, who has been appointed research manager of Parke, Davis & Co., Ltd. (see p. 112), will be in charge of a new department through



which administration of the company's chemical research, pharmacological research, production development and clinical investigation facilities at Hounslow will be conducted. Dr. Morgan graduated B.Pharm. from the University of Wales; he is an Associate of the Royal Institute of Chemistry, and a Ph.D. of London University. He has been a member of the Parke-Davis chemical research staff since 1951 and

had previous research experience in industry and the London School of Hygiene and Tropical Medicine.

MR. N. P. NEWTON (a director of Smith & Nephew Pharmaceuticals, Ltd., Welwyn Garden City) has been elected a Fellow of the Royal Institute of Chemistry. Mr. Newton, who has been a director of the company since its formation in 1957, joined Messrs. Smith & Nephew in 1953 as head of the phar-

maceutical section of the medical division at Hunsdon, Herts. In 1955 he was appointed marketing manager for medical products with Smith & Nephew, Ltd., and in that position he remained until joining the board of the pharmaceutical company when it was formed. He was educated at Stockport College and the Polytechnic, Regent Street, London, and qualified as an Associate in 1952.

SOCIAL GATHERINGS IN THE REPUBLIC

Dublin and the West enjoy the "lighter side"

THE second annual dinner and dance organised jointly by the WEST OF IRELAND CHEMISTS' ASSOCIATION and the WESTMEATH PHARMACEUTICAL FEDERATION in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland, was held at Salthill, Galway, on January 1, and was most successful in every way. Despite inclement weather pharmacists and their friends travelled not only from every county in Connaught, but from Dublin and many of the Munster counties as well. Representatives from public bodies who attended included the mayor of Galway (Mr. P. Green), Galway county manager (Mr. C. I. Flynn), Roscommon county manager (Mr. A. Browne), and county Galway medical officer of health (Dr. C. F. MacCon). Mr. John



CHEMISTS AND STUDENTS: A group of patrons and members who attended the Pharmaceutical Chemists and Students Foundation Club dance. In the centre of the front row is Mr. Hugh Corrigan (president, Pharmaceutical Society of Ireland) with Mr. M. Shannon (chairman of the dance committee) on his right. Third from the right (same row) is Mr. P. McAuliffe (president, Irish Drug Association).

P. O'Donnell, Charlestown (president, West of Ireland Chemists' Association) with Mrs. O'Donnell, and Mr. Seamus Fox, Athlone, with Mrs. Fox, were excellent hosts to the large and happy gathering.

A party from Dublin included Mr. Hugh P. Corrigan (president, Pharmaceutical Society of Ireland) and Mrs. Corrigan, Mr. James G. Coleman (registrar of the Society) and Mrs. Coleman, Mr. Philip McAuliffe (president, Irish Drug Association) and Mrs. McAuliffe. The vice-president of the Society (Mr. Frank Loughman, T.D.) travelled from Clonmel, with Mr. P. Joy. Organising secretary of the dance was Mr. G. Commins, Galway. Following an excellent dinner, dancing continued until the early hours of the morning.

As a direct result of the generous

patronage given to the function it was anticipated that a substantial cheque would later be forwarded to the Benevolent Fund of the Society.

Chemists and Students Foundation

The thirty-first annual dance held by the CHEMISTS AND STUDENTS FOUNDATION CLUB COMMITTEE, in Dublin, on January 22, was a social occasion much enjoyed by all who attended. A party of six pharmaceutical students travelled specially from Northern Ireland to be present and were accorded the courtesy of having one of the many fine "spot" prizes allocated to their group. City pharmacists, assistants and students all came in parties with their friends.

Council Well Represented

Among those present were the president of the Pharmaceutical Society of Ireland (Mr. Hugh P. Corrigan) and Mrs. Corrigan, Mr. James G. Coleman (registrar of the Society) and Mrs. Coleman, Mr. Philip McAuliffe (president, Irish Drug Association) and Mrs. McAuliffe, Mrs. Cora O'Connor (chairman of the Society's Benevolent Fund dance committee) with Mr. O'Connor, and Mr. Sean Gardiner (president of the Students' Association). Mr. Michael Shannon was chairman of the committee responsible for the excellent arrangements, with Mr. W. J. Gardner as honorary treasurer and Mr. Ciaran McGarry as honorary secretary. Committee members included Miss Nora Daly and Messrs. C. Kiely, T. Lawler, T. Kelly, T. Moran, T. Cashman, S. Gardiner, T. MacG. Riogh and V. Harte. Mr. Philip Smith made an excellent M.C. During the night quite an array of attractive "spot" prizes presented by wholesale and manufacturing houses were won by lucky patrons.



WEST OF IRELAND AND WESTMEATH: Above, Mrs. and Mr. J. Nolan, and Mrs. and Mr. G. Fahy, Galway; below (seated), Mr. F. Loughman, T.D., Clonmel (vice-president, Pharmaceutical Society of Ireland), Mr. Hugh Corrigan, Dublin (president, P.S.I.), Mr. J. O'Donnell, Charlestown (president, West of Ireland Chemists' Association), Mr. P. McAuliffe (president, Irish Drug Association), (standing), Mr. S. Fox, Athlone, Mrs. Fox, Mr. G. O'Neill, Galway, Mrs. G. O'Neill, Mr. James Coleman (registrar, P.S.I.), Mrs. J. O'Donnell, Mrs. P. McAuliffe, Mr. G. Commins (organising secretary), Miss M. Fahy, and Mr. O. Flannery.



MANUFACTURERS' ACTIVITIES

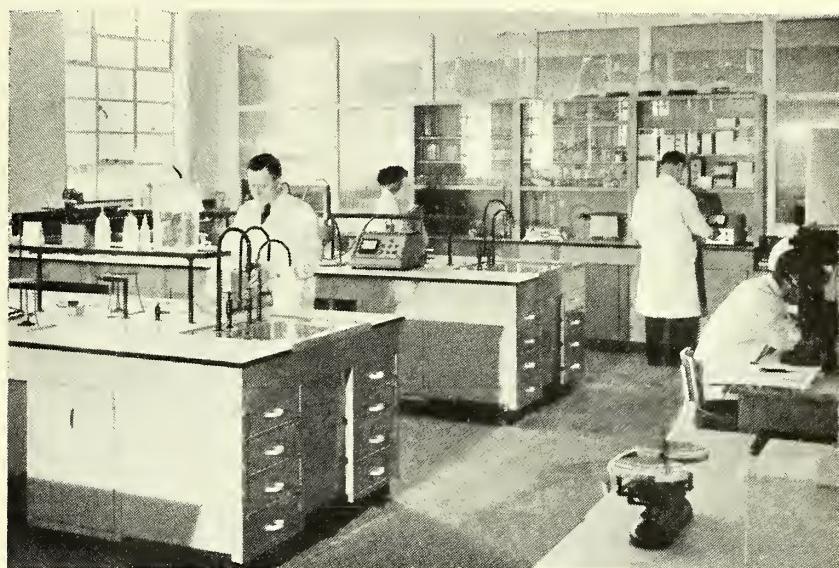
Exhibition for Science Masters. — Quickfit & Quartz, Ltd., Stone, Staffs, were exhibitors at University College, London (December 31, 1958, to January 2), in connection with the Science Masters' Association annual meeting.

Automatic Control on Show. — Electrical Remote Control Co., Ltd., are organising an exhibition of electrical timing and automatic control equipment at the Birmingham Exchange and Engineering Centre, Stephenson Place, Birmingham, 2, on February 10 and 11.

German Subsidiary Inaugurated. — A West German marketing subsidiary of Ashe Laboratories, Ltd., Leatherhead, Surrey, has been set up in Dusseldorf under the name of Ashe Laboratories, G.m.b.H., with Messrs. K. H. W. Young and G. Neugebauer, directors. It is anticipated that the sales force thus established, after two years' German market research and months of negotiation, may at a later date carry the products of other British manufacturers direct to the shops and stores of West Germany. To inaugurate the organisation thirty West German trade representatives made a three-day visit to Britain recently.

Competition Results. — To make their indigestion product Primes known to chemists and their staffs in the Greater London area the makers, Vick International, Ltd., 10 New Burlington Street, London, W.1, recently invited 3,000 chemists in the area to take part in a competition. Entrants were given alternative pack designs and counter displays and asked to put them in order of appeal as well as listing ten main selling points. The winner, Miss D. A. Goss (dispensing assistant to Mr. J. Comyns, M.P.S., Carshalton, Surrey) was guest of honour at an informal luncheon in London on January 1 when Mr. F. W. P. Corbould (managing director, Vick International, Ltd.), presented her with a cheque, the value of which was calculated to be equivalent to the first prize—"a luxury weekend in Paris for two." Miss Goss, who is retiring at the end of January for health reasons, may use her prize to go to a music festival in Bayreuth.

Film on Pharmaceutical Production. — A documentary film "The Bowl of



LABORATORY OF A PHARMACEUTICAL UNIT: Research workers in part of the general pharmaceutical laboratory in a new pharmacy unit set up by Glaxo Laboratories, Ltd., Greenford, Middlesex.

"Hygeia" was shown to an invited audience in London on January 9 by A. H. Robins Co., Ltd. The film, which is in colour, tells the story of production in the company's American pharmaceutical plant at Richmond, Virginia.

A Scottish Flavour. — Over 100 employees attended the annual dance of Optrex, Ltd., held at Greenford, recently. An excellent programme had been arranged by the social club committee (chairman, Mr. J. Beeson). A feature of the evening was an exhibition of Highland reels by the Strathspey dancers. Prizes were awarded to winners of a competition.

U.S. Firm Takes Over. — Reference was made by Mr. D. C. Love (general manager) at the annual dinner and dance of Deosan, Ltd., Riddings, Derbyshire, to the acquisition of the company by the Diversey Corporation of Chicago, through their British subsidiary, Diversey (U.K.), Ltd. As a result of the take-over new plant is to be installed at the Riddings factory, production increased and other goods added to the present range of products.

There were about 145 employees and other guests present at the gathering.

303 Years' Service From Six. — F. Longdon & Co., Ltd., Agard Street, Derby, surgical-bandage manufacturers, gave a staff party recently at which presentations were made to six retiring employees with a total service of 303 years. The presentations were made by Mr. F. Peel (chairman and managing director) and also present were three other directors, Mrs. D. B. Methuen (the only surviving daughter of the late Mr. A. F. Longdon), Mr. N. Round and Mr. A. Varley.

Centenary Dinner. — The management and staff of Jules Lang & Son, glass distributors, 96 Hatton Garden, London, E.C.1, celebrated the centenary of the firm by a dinner and social evening recently. The present head of the firm (Mr. Fernand Lang), who is the son of the founder, was presented with a portrait of himself in oils by his associates and staff. His son (Mr. Brian Lang) was presented with a silver salver, whose hall-mark was dated 1858, the year of the firm's foundation.



SALES CONFERENCES: Left, Mr. Brian F. McCabe (chairman and managing director, Foote, Cone & Belding, Ltd., advertising agents) addresses representatives of Macleans, Ltd., Great West Road, Isleworth, at the company's annual sales conference in London recently. Behind Mr. McCabe is display material linking with advertisements for the company's products. Right, Sir Knowles Edge, Bart, J.P., opens the annual sales conference of William Edge & Sons, Ltd., Bolton, Lancs. The conference, which was held at Blackpool, was attended by forty senior representatives of the company.



Correspondence

Pharmaceutical Committees Election in Scotland

SIR.—A notice of election and nomination paper have been sent to each elector on the lists. Any pharmacist—contractor or employee—who is entitled to vote and who has not received those papers should immediately notify the Returning Officer, Pharmaceutical General Council (Scotland), 36 York Place, Edinburgh, 1. Electors are reminded that completed nomination papers must be returned by February 9.

M. M. MCNEILL, Secretary

What was the Drug?

SIR.—The following extract appeared in the *Manchester Guardian* of January 20. It was based on information issued by the Air Ministry:—

NEW DRUG FOR AIRMAN WITH BLOOD DISEASE

A young R.A.F. technician, flown from Cyprus with a blood disease, is being treated in a London hospital, with a new drug developed in Hungary. An Air Ministry spokesman said the airman, Junior Technician Kenneth Robinson, was seriously ill in Uxbridge Hospital. He is receiving treatment with a form of nitrogen mustard, a drug recently developed in Hungary. Robinson's parents live at Craignell Crescent, Stockton-on-Tees. He was married last year.

Your readers may be interested to know that the drug in question is Degranol, which is supplied in the United Kingdom and Commonwealth markets by Leda Chemicals, Ltd. (pharmaceutical

division), Berk House, Portman Square, London, W.1.

LEDA CHEMICALS, LTD.,
London, W.1

Purchase Tax

SIR.—We were most interested to read the editorial on the above subject (*C. & D.*, January 17, p. 65). The subject of your comment is a matter close to our own hearts, as we are fully appreciative of the difficulties that beset the retailer in maintaining good stocks during the pre-Budget period. We have already circulated the trades we serve with an announcement of the company's consignment scheme. You may care to draw the attention of your readers to the scheme.

RONSON PRODUCTS, LTD.,
London, W.C.2

[The scheme allows the retailer, after signing an agreement, to order Ronson electric shavers "on consignment," and they are supplied against a consignment account and not invoiced "firm" until either the shavers are sold or appropriated to stock, or the scheme comes to an end.—EDITOR].

SIR.—As you know, the Treasury has always refused to allow any scheme permitting the retailer to be credited for purchase tax lost on goods which he has purchased before the Budget. We have, however, for the past five years, successfully operated a sale-or-

return scheme between January 1 and the date of the Budget. We are doing so again this year in spite of the many difficulties of administration and the additional expense to us which is involved. Under this scheme we offer to our customers all our goods, irrespective of their value, on S.O.R. terms. The service is appreciated very much, we believe, by our chemist friends.

Goya, LTD.,
Amersham, Bucks

No Foreknowledge

SIR.—In one recent episode of a television hospital series a doctor's wife was portrayed as suffering from barbiturate poisoning. She was further portrayed as being treated with two drugs of ours, Megimide and Daptazole. Some of your readers may have seen the episode, and have been as surprised as we were to hear the products mentioned by name. As Megimide and Daptazole are "ethical" pharmaceutical products, we think it only proper to state that we had no foreknowledge of this television episode. We imply no criticism of the writing or production, which in our view were tactful and effective. In fact, however, for the sake of the record, the treatment portrayed was in certain minor respects not of the kind that is now recommended by us.

ASPRO-NICHOLAS, LTD.,
Slough, Bucks

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Monthly meeting of Council

AT the January meeting of the Council of the Pharmaceutical Society of Northern Ireland, held in Belfast, the following members were present: Professor O. L. Wade, Dr. R. G. R. Bacon, Mr. H. G. Campbell (president) and Messrs. W. H. Boyd, J. Kerr, J. Gordon, G. E. McIlhagger, R. M. Watson, D. Moore, R. Gibson, O.B.E., W. C. Tate and J. Caldwell. The secretary (Mr. W. Gorman) was in attendance. Apologies for absence were received from Messrs. S. E. Campbell, H. W. Gamble, O.B.E., F. R. Moore, J.P., H. F. Moore, C. A. Quinn, A. Templeton, J.P., W. J. Thornton, W. S. Hall and W. P. Ewart, J.P.

It was reported that Mr. Quinn, who had been ill, was "looking well and putting on weight."

Mr. Gorman informed members that a letter had been sent expressing the sympathy of the Northern Ireland Society to Mr. F. W. Adams (registrar of the Pharmaceutical Society of Great Britain) at the death of his wife.

Applications for restoration to the register from John Stanley Hamilton and Margaret Ann Best were granted.

THE SECRETARY reported that a letter had been received from Dr. H. Davis (chief pharmacist, Ministry of Health) in reply to an invitation to him to visit the Society. Mr. Gorman said that it was hoped that Dr. Davis would start a four-day visit to Northern Ireland on March 16, and that he would give a talk on "Pharmacy and the National Health Service" to the Society that night. Dr. Davis had also expressed a desire to visit the premises of the General Health Services Board.

Mr. Gorman reported that he had received from the registrar a copy of the Statutory Rules and Orders of

Northern Ireland (1958), Nos. 198 and 199, which were to come into operation on February 1 (see p. 106).

The adoption of the report of the finance committee was proposed by Mr. Kerr and seconded by Mr. Watson.

Examiners' Reports

Presenting the report of the board of examiners on the Society's December 1958 examinations, MR. GORMAN said that in the Part I examination two students who had been making their third attempt had failed. No recommendation had been made by the board and the students would not be allowed to sit the examination again. Seven students had been recommended to re-attend courses in all subjects, eleven in chemistry, one in chemistry and physics and one in physics. Two candidates taking the examination for the third time were to be allowed a fourth and final attempt, provided one attended a further course in chemistry and the other in biology. The board had also recommended that letters should be sent to seventeen Part II students advising them that a considerable improvement in standard was required. One student would be required to undergo a one-year full-time course of study before again presenting himself for examination.

THE PRESIDENT said it was obvious the subject presenting most difficulty in the Part I examination was chemistry. The report was adopted on the proposal of MR. MCILHAGGER, seconded by MR. KERR.

The Society's seal was affixed to the certificates of students who passed the December 1958 Final Part II examination.

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brand of prednisolone diethylaminoacetate

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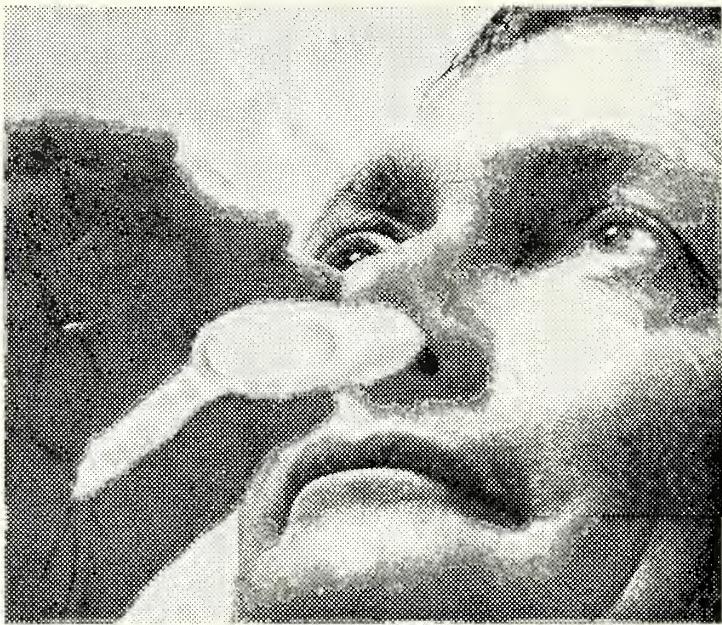
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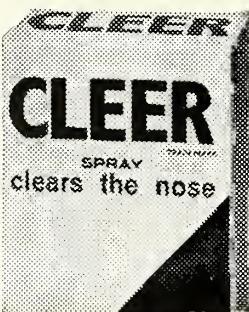
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For Retailer, Wholesaler and Manufacturer

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TELEGRAMS: "CHEMUS ESTRAND, LONDON"

No Tax Cuts Yet

DURING the past month, the Chancellor of the Exchequer has been subjected to strong pressure to make known his intentions regarding purchase-tax changes. Among others, the Federation of Wholesale Organisations pointed out that the effects of the perennial trade recession which takes place before a Budget each year could be minimised if the Chancellor would announce any changes in purchase tax in January, when stocks were at their lowest (see *C. & D.*, December 27, 1958, p. 675). While there has been a precedent for such a move (February 1954) the present Chancellor (Mr. Heathcoat Amory) evidently does not intend to follow it, since in answer to a Parliamentary question (p. 112) he indicated that he had no statement to make, but remained free "to consider the possibility of such changes in the context of the Budget." Whether the changes (if there are to be changes) are made now or in the Budget will make little difference to most retailers, for by now pharmacists see to it that their orders are kept down to a minimum until after Budget day. Whenever, of course, the cuts are announced, pharmacists lose heavily. We are glad, therefore, to see that an increasing number of manufacturers are making arrangements with the Customs and Excise for sale-or-return orders. Those arrangements, besides safeguarding the retailer, help to keep the wheels of industry turning during a period which is normally far from brisk.

N.H.S. Abuses by Patients

REFERENCES to "minor abuses" of the National Health Service are to be found in the January issue of the *Executive Council* (the journal of the Society of Clerks of National Health Service Executive Councils). They concern the devious methods that are being used to obtain drugs of addiction: prescription forms stolen; quantities altered; treatment claimed as for a temporary resident. Among the cases listed is one of a young man, in London, aged twenty, who was placed on probation for twelve months after pleading guilty to charges of stealing prescription forms from a doctor. He obtained 40 Drinamyl tablets on one form and thirty-six on another. Another three London cases are mentioned on p. 106.

Other cases were quoted from Blackpool and the Hastings, West Ham and Lindsey areas. "The Council are seriously disturbed both by the increase in the number of these cases and the number which, on reference

to the Director of Public Prosecutions, have resulted in no action being taken." The report states that a "communication has been sent to the Minister of Health setting out their views on the matter." The increase in such crimes must be disturbing to all members of the pharmaceutical profession, especially those concerned with N.H.S. dispensing, for to obtain irregular supplies the culprit must have deceived a contractor, and if the offences continue it will inevitably mean that pharmacists will be obliged to spend even more time on checking the validity of the prescriptions they receive, maybe to the detriment of the genuine patient. There is no doubt that in many ways dispensing is today an onerous and even hazardous undertaking, a fact which, unfortunately, is not always realised by the members of the public or appreciated by the Treasury.

A Second Agreement Condemned

THE Restrictive Practices Court on January 26 delivered judgment on its second case: the agreement between members of the Yarn Spinners Association. The agreement, which was declared contrary to the public interest, provided for minimum prices to be charged for various kinds of cotton yarn manufactured and supplied by members of the Association. Mr. Justice Devlin said that the minimum price under the scheme was an artificial one, calculated on a hypothetical cost, and did not represent the cost actually incurred by any individual mill. In theory the scheme was designed to tide the spinner over short periods of recession, but the fact was that, for most of the time since 1953, the majority of spinners had been operating at the minimum price.

The Court was satisfied that, since 1951, the prices obtained for yarn had been on average higher than if there had been a free market. It also held that the agreement had prevented reductions in manufacturing capacity in accordance with falling demands. The Court recognised that the judgment might come at an unfortunate time, when the level of unemployment in the industry has been rising, but had in mind chiefly the waste of national resources in the form of excess capacity. So long as the scheme lasted, concentration of the industry would be postponed. Not until the excess capacity had been got rid of could the industry be made into a more compact entity, a reorganisation which the Court believed would ultimately be beneficial not merely to the nation and the consuming public but to the industry itself and those employed in it.

The agreement is the first of a price-fixing kind which has come before the Court, and it is evident that the interpretation of "in the public interest" has been widely based, as it apparently was in the decision concerning the Chemists Federation. The two judgments will be given close study throughout British industry and may well cause the voluntary amendment of similar agreements among the 2,100 agreements which are registered under the Act, and which await consideration by the Registrar and the Court. It is evident that the effect of the Act is much wider than many originally anticipated.

Though the Act has had repercussions in the boardrooms of industry, the public has yet to see any marked changes in trading conditions. Increased unemployment in Lancashire may be, perhaps, the first visible sign of its effects.

Overseas Trade in 1958

A DECLINE in the level of United Kingdom overseas trade was already under way at the beginning of 1958. Imports had begun to fall in the middle of the previous year, when prices eased as a result of a slackening in industrial activity. The general fall in prices came to a halt, however, in the spring of 1958, and from that point imports ran more or less level, though well below the 1957 average rate. The downturn in exports came rather later, and the final result for the year was that both imports and exports fell after four consecutive years of increase, but the fall in exports was less than expected.

Exports of drugs, medicines and medicinal preparations followed the general pattern, being a little over 5 per cent. down on 1957, though shipments in December 1958 were at their highest level for several months.

EXPORTS	DECEMBER 1958	YEAR 1958	YEAR 1957
Drugs, medicines, medicinal preparations (total)	3,324,637	37,791,144	39,634,158
Vitamins	258,265	2,510,161	3,196,689
Penicillin salts	104,918	1,573,519	1,706,042
Penicillin injections	38,090	663,880	695,563
Penicillin tablets, ointments, etc.	64,704	671,775	567,117
Antibiotics other than penicillin	490,781	5,427,315	5,789,858
Quinine	14,625	185,252	171,900
Alkaloids, excluding quinine	95,034	1,149,530	1,092,754
Aspirin	91,257	1,136,218	1,281,190
Antihistamines	36,803	462,905	536,530
Antipaludics	62,132	819,898	1,014,425
Barbiturates	58,620	559,211	609,253
Liver extracts	8,616	152,064	196,236
Ointments and liniments	116,540	1,201,399	1,304,271
Insulin	48,003	498,150	411,546
Sulphonamides, prepared	86,961	1,186,989	1,164,624
Proprietary medicines	961,348	10,616,353	10,834,976
Unclassified medicines	758,448	8,605,234	8,630,807
Glycerin	47,924	480,751	939,510
Acetone	21,494	532,259	410,232
Citric acid	44,690	475,872	490,897
Salicylates	14,418	180,581	277,806
Sulphonamides, unprepared	68,912	1,148,557	1,138,127
Perfumery and toilet preparations			
Lipstick, face powder, etc. ...	245,877	3,269,321	3,499,017
Dentifrices	167,931	2,161,324	2,476,490
Toilet soaps	264,275	2,931,782	2,928,893
Synthetic detergents	519,429	6,371,588	7,706,211
RE-EXPORTS	£	£	£
Drugs, raw	15,712	251,366	225,684
Medicinal and pharmaceutical goods	51,489	749,525	626,958
Essential oils	68,423	785,260	801,218
IMPORTS	£	£	£
Vitamins	83,861	880,634	1,171,930
Antibiotics	92,982	829,437	1,269,213
Alkaloids	34,402	501,670	623,450
Proprietary medicines	149,832	1,357,985	839,522
Unclassified medicines	668,168	6,301,722	3,919,780
Borax	83,394	1,011,625	1,018,868
Iodine	49,754	379,267	366,472
Menthol	23,743	255,911	327,549
Essential oils			
Bergamot	12,436	272,774	197,880
Citronella	37,799	198,696	381,178
Clove	1,507	51,535	120,991
Geranium	7,247	393,430	328,180
Lavender	29,338	156,052	407,682
Lemon	29,199	628,700	661,444
Orange	12,754	295,991	197,454
Peppermint	39,329	831,232	1,008,420
Unclassified	184,837	2,398,067	2,507,124
Tragacanth	56,650	407,434	703,771
Acacia	60,577	1,347,924	1,434,248
Ipecacuanha root	25,054	362,115	337,565

From the accompanying table it will be seen that most of the exported items for which statistics are available fell short of the previous year's totals. Exceptions were alkaloids, insulin and sulphonamides. Although the traditional buyers for prepared medicines purchased less from the United Kingdom in 1958 than in 1957, a satisfactory feature was the improved sales to the United States and to Canada: increases of 30 and 33 per cent. respectively. Those figures represented a much better performance than the country's total exports, which were plus 17 per cent. in the case of the United States and minus 3 per cent. for Canada. Australia's purchases of prepared medicines were valued at £3·3 millions (against £3·4 millions), well ahead of the figure for the second best market (Nigeria) which, at £2·1 millions, reached a record figure for the colony. New Zealand's purchases at £1·85 million were also higher than in the previous year.

Sales to Common Market countries were, at £2·43 millions, lower than in 1957 (£2·83 millions), though Western Germany, at £391,000, increased her purchases by about £100,000.

Statistics on the import side are not provided to the same extent as for exports, but vitamins, antibiotics and alkaloids were all lower. Proprietary medicines, however, advanced from £839,000 to £1·35 million, and "all other descriptions" to £6·3 millions (from £3·9 millions). Why the latter entry should have jumped to such a height is a matter for conjecture, there being no further "breakdown" given by the authorities. One possible explanation is that it is due to imported poliomyelitis vaccine, large quantities of which have been purchased from Canada and the United States during the year.

To return to the month of December 1958 and to the country's trade figures as a whole, in the final month of 1958 exports were, at £269·4 millions, nearly £22 millions less than in November, while re-exports fell by £2·5 millions to £10·4 millions. Imports, on the other hand, moved sharply in the opposite direction, rising by over £40 millions to £353·5 millions. In consequence the visible trade deficit jumped to the unexpectedly high level of £37·7 millions in December 1958. The Board of Trade explains that the import figures were to some extent swollen as the result of a joint drive by the Customs and by traders to clear up, so far as possible, all outstanding entry documents before the switch on January 1, 1959, to a new combined tariff list and statistical key (under the Import Duties Act of 1958). Thus the rise in imports (and in the visible trade deficit) was in part an artificial one.

PHARMACIES OF BRITAIN—77



THE PHARMACY AT PRIDE HILL, SHREWSBURY

Founded in 1860, the pharmacy at 16 Pride Hill, Shrewsbury, was taken over some years later by a Mr. Gouldbourn and acquired in 1949 by its present proprietors, W. J. Jones & Co., Ltd., 10 Mardol Head, Shrewsbury, of which Mr. W. J. Jones, M.P.S., F.B.O.A., is joint managing director with Mr. F. B. Peters, M.P.S.

GO WEST YOUNG GALEN, GO WEST!

Opportunities for pharmacists in the New World

HUGH GREEN

FOR the benefit of the seemingly many readers of THE CHEMIST AND DRUGGIST who appear to be interested in the prospects of spending a year or more (and I suggest two years as the optimum) in the United States or Canada, I have endeavoured to collate as much information as I can on the possibilities of working as a pharmacist in North America.

I obtained that information while I was there, either by personally contacting the secretaries of the local pharmacy associations or by correspondence, but only in areas in which I was particularly interested, such as New York State, Massachusetts and California. Those areas were interesting to me inasmuch as the first two States were easily accessible on arrival, and the last, a continent away, beckons because of its sunshine and perhaps its glamour. To want to go to California is one thing, making the attempt is another, but getting there is a reward for all the effort you have put into it.

I intend, therefore, to give as much detail as possible on what to do on arrival and how in my opinion the task of living for two years in a strange country should be tackled. It must be realised that one cannot work anywhere in the United States officially without a permit to do so.

Formalities to Observe

To get that it is necessary to apply for a working permit from the U.S. Emigration Authorities. Certain formalities have to be complied with and there is much form-filling to do. It is a good idea to obtain at the same time documents for working and living in Canada. Armed with those documents you can move freely in either country, with little restrictions.

Let me assume then that you have arrived in New York with all your many papers in order, and that you wish to stay away for two years. It may sound a long time now, but once you are on the spot time will fly past. The first essential is to obtain accommodation. The best thing to do in New York, or in any large city, is to make a beeline for the Y.M.C.A. (unless of course the Y.W.C.A. would suit you better). Their standards of accommodation are high and they offer exceptionally good conditions for a short stay.

The next thing to do is to get on a payroll. It is fatal at this stage to spend any time on sight-seeing, "relation-looking-upping" or apartment hunting. You must earn dollars as quickly as you can because, from now on, where you live and what sights you see will depend on whether you can earn sufficient money to keep yourself. It must be understood, and I am quoting a letter I received from the secretary of the New York Pharmacy Society, "that unless you are licensed in the State, you can only work as an assistant in a pharmacy, under the supervision of a licensed pharmacist." There is a shortage of pharmacists, just as there is in Britain, but all the dispensing is done by pharmacists.

There is, of course, scope for assistants or drug clerks to serve on the counter, and I found that anyone from England was especially welcomed. The qualification was held in the highest esteem. There are three ways of finding out the vacancies that offer. The first is to look in the situations-vacant columns of the big daily newspapers. Those situations are advertised under the term "drug clerks." You have to sort out the ones that you wish to apply for, and that is dependent on the locality of the vacancy, the times of employment and, of course, the amount offered. For instance, the job that I applied for was in the Sheraton Astor Hotel on Times Square, Broadway, New York. The hours were from 5 p.m. until midnight, three evenings a

week, for \$50 a week. The hours were ideal for me because they gave me plenty of time off. The locality was perfect and easily accessible, and the pay was just enough for what I wanted.

Applying for a job in New York is not the same as in England. You are not expected to write or phone or go through any of the formalities. The best way is to take all your credentials with you, walk into the drug store, ask to see the manager, state your business, and then await his reactions.

The second method is to go to an employment agency. There are agencies that deal only with pharmacists and assistants. They are profit-making concerns and they advertise in all the newspapers, asking staff to contact them. The advantage of this method is that a great variety of jobs may be seen, on a list, at the same time. The disadvantage is that the first week's wage goes to the agency.

The third method—and often the quickest—is to go along to the employment section of a large multiple drug stores, such as Whelans, New York. With them it would be possible to start work almost at once, and that experience would be invaluable. In common, however, with most multiple companies, they usually pay less than other concerns. As I have said before, it is essential to get on to a payroll as quickly as possible.

Once you are earning dollars, then is the time to look around for other employment. It is no use looking through the pharmaceutical periodicals. They do not handle vacancies as ours do.

It would be possible to attempt to register as a pharmacist in New York, but it would be a lengthy job and extremely difficult in less than two to three years for any pharmacist from Britain. It is necessary to provide a lot of detailed information as to educational background, commencing with primary school and to produce all one's student notebooks, and—one last and possibly formidable barrier—before commencing to apply for registration it is necessary to sign a declaration of intention to become a citizen of the U.S.A.

Finding a Job

The technique of finding a job, of course, applies wherever you go, but, as there is a general shortage of pharmacy personnel, jobs are fairly easy to obtain. The only factor that varies is the ease or otherwise of becoming registered. For instance in Massachusetts, registration appeared to be much simpler for any English pharmacist than in the over-populated State of New York. Until quite recently the State Board of Pharmacy permitted a registered United Kingdom pharmacist to practise as a pharmacist in Massachusetts provided there was a registered pharmacist on the premises. Generally conditions here are better than New York, and here I quote from a letter from the secretary: "I am sure that, with the extreme shortage of pharmacists such as we have here, you would have little trouble in obtaining employment." I think the place to head for in Massachusetts would be historic Boston, where you could always be sure of a good cup of English tea.

It is always better to head for a large metropolis, for obvious reasons. The number of drug stores is greater, the stores themselves are larger, have long hours and thus need larger staffs. With those long hours it is always a problem to fit in certain times in the week. It doesn't matter to you whether you work all day Saturday and Sunday, to let the other staff off. You will get more opportunity to get around on the other days, and your help will be really appreciated.

I think it would be quite unthinkable, once you are on

the North American continent, not to go to Canada, and I do not think that any article would be complete without some information about that great Commonwealth country, and in particular about the Province of Ontario.

Until recently conditions for English pharmacists were, in Ontario, probably better than anywhere else. It was possible to register with the school of pharmacy in Toronto and to obtain a reciprocal qualification in a little over six months. That is not now possible (see *C. & D.*, January 17, p. 63), but even without registration it should be fairly easy to obtain employment as an assistant pharmacist. The big multiple store in Toronto is Tamblyn's, which maintains its own employment office. It is a simple matter to look up the company's address in the telephone book and to go straight there to see the employment manager. He, I am sure, will receive you courteously, and it would be possible to start work the same day if required.

It should be possible, too, while working in Toronto, to be able to save enough money to help you on with the next stage of your journey—to California and the Golden Gate of San Francisco.

As everyone knows, Detroit is the big car-production centre, but what everyone doesn't know is how those cars

are got to the East Coast, about 3,000 miles away. It is obviously expensive to send them by train and difficult to employ permanent staff to drive them there.

What happens is that the local car manufacturers in Detroit have a register on which one's name can be put. Providing they are satisfied that you are a person of integrity (and that would be fairly easy), they will provide you with a car and petrol allowance to get the car to the East Coast within a reasonable time. If you are by yourself it is simple to team-up with someone else. You have the wonderful prospect of travelling right across America in a brand-new car and at someone else's expense.

If that doesn't sell the idea of going to America for two years, then I don't think you ought to go in the first place!

Once you have got to California, then the tactics are the same. Find simple accommodation; contact local pharmacy secretaries; contact multiple drug stores; buy the newspaper; go and get yourself a job at once. Provided that you don't mind work, provided that you don't stand on your dignity too much, and provided that you don't keep telling your American counterpart that your college course didn't include cigar selling, you'll have a wonderful time.

A Pharmacist Pioneer of Seaweed Chemistry *E. C. C. Stanford, Ph.C., and the discovery of alginic acid*

NOTABLE as the discoverer of alginic acid, E. C. C. Stanford was a distinguished pharmacist and the son of one of the founders of the Pharmaceutical Society. Stanford was the subject of an engaging monograph by Dillon presented at the Third International Seaweed Symposium held in Galway in August (see *C. & D.*, September 13, p. 272), this year being the seventy-fifth anniversary of the discovery. Born in Worthing in 1837, he served a five-year apprenticeship with his father. Later, at the Society's College, he was awarded medals in chemistry, botany and *materia medica*, and in 1862 became a demonstrator in chemistry and pharmacy at the College. In the same year he addressed the Royal Society of Arts in London on the economic applications of seaweed and the paper gained for him the silver medal of the Society. He was asked to read the same paper at a meeting of the Pharmaceutical Society the following year. The paper, the first of twelve, dealt with seaweed and related subjects, and advanced the suggestion that an enclosed dry distillation process should replace the then current method of burning seaweed in open pits. His process was developed in the Inner Hebrides, a processing plant being constructed on the islands of Tyree and South Uist through the interest of the Duke of Argyll. Stanford moved to Scotland, setting up home at Glenwood, Dalmuir, in Dunbartonshire. He was in all responsible for thirty-two research papers, some given before the Philosophical Society of Glasgow, others at meetings of the (then) North British Branch of the Pharmaceutical Society. A year before his death he attended the 1898 meeting of the British Pharmaceutical Conference at Belfast, where he read a paper "Thyroglandin" in which were considered various aspects of the stability and activity of thyroid-gland preparations.

Stanford's Paper of 1883

The paper in which Stanford uncovered alginic acid was delivered to the Glasgow Philosophical Society on April 2, 1883. In it he remarked upon a fluid derived from laminariae that contained 2 per cent. of a substance he christened algin. He explored the properties of this compound and stated, from an analysis of its sodium derivative, that it contained 3·03 per cent. of nitrogen. Stanford was convinced that algin was a protein, and it was not until 1896 that the Norwegian chemist Krefting isolated the com-

pound free from nitrogen. Alginic acid was eventually confirmed as being a polymer of uronic acid in 1926.

In the same year as Stanford gave his paper at the Belfast Pharmaceutical Conference he became the chairman of a newly-formed company concerned with the production of an artificial silk from gelatin. His life may be said to have embodied a balanced interest linking technology and industry.

NEW FILMS

"My True Account"

MILTON PHARMACEUTICALS, LTD., 64 Wimpole Street, London, W.I. Colour. Sound. 16-mm. Running time twenty-five minutes.

PREPARED so that it can be divided into two parts, the film deals first with the problem of gastroenteritis in bottle-fed babies and the Milton technique for the sterilisation of feeding bottles. That part is suitable for showing to mothers at clinics and welfare centres. The second part of the film shows Milton being used in hospital wards and operating theatre and includes shots of its use during brain surgery. The second part is thus more suitable for professional audiences.

Control of Foot-rot in Sheep

UNIVERSITIES FEDERATION FOR ANIMAL WELFARE (U.F.A.W.), 7A Lamb's Conduit Passage, London, W.C.1, in collaboration with EVANS MEDICAL SUPPLIES, LTD. Colour, Sound. 16-mm. Running time: twelve minutes.

PREPARED for lay audiences, the film shows a recommended method for eradicating foot-rot from a flock of sheep and aims to persuade farmers to take positive action to control that painful disease (which also causes considerable economic loss). If widely shown, the film should achieve its object, but only if there is a competent lecturer present to provide more technical, and maybe, statistical information. It will, even so, often be necessary to show the film twice to each audience in order to "get the story over properly." Technically, some of the shots appear to have been incorrectly exposed, but nevertheless the collaborators must be congratulated on this additional attempt to carry out U.F.A.W.'s policy of promoting humane behaviour towards wild and domestic animals. Copies of the film may be borrowed from the Federation or from Evans Medical Supplies, Ltd., Speke, Liverpool, 24. Rural pharmacists may wish to introduce the film to their local young farmers' club.

HOSPITAL PHARMACY FORUM

QUALITY AND PRICE

FAMILIAR phrases of literary merit sometimes acquire by too frequent repetition, the sanctity of axioms, though they may be at best but half-truths. Thus "Conscience doth make cowards of us all" omits to say that, without it, we can scarcely be responsible persons, fit to be entrusted. The correspondence in a contemporary medical journal concerning the quality of drugs supplied on contract to a joint purchasing committee of teaching hospitals has no doubt challenged the conscience of many pharmacists, both in industry and in hospitals. A clinician, having discovered that two patients relapsed during treatment, and that they had been treated with a supply of cortisone tablets proved later to have a rather long disintegration time, rightly wished to draw the attention of his colleagues to the importance of that factor. In doing so he by implication attacked the manufacturers of the tablets, which were castigated as "cheap" and "substandard," and he attempted to identify them as of "continental manufacture." By implication the wisdom and the competence of the pharmacists' committee which arranged the contract was also impugned. Other physicians have shown a remarkable readiness to support the allegations, though not all appear to have eliminated other possible factors before attributing all their troubles to the tablets. The question is still unresolved as to whether the tablets in question were at fault beyond having a rather long disintegration time.

Pharmacists' Problems

The whole incident raises certain important issues, which pharmacists and doctors alike must face. It has been implied that cheap necessarily connotes inferior and that one cannot have reliable drugs except by paying the top price. Undoubtedly it costs money to produce good-quality materials, whether they are cortisone tablets or Churchill tanks, but it by no means follows that competition and increased production should not result in lower prices to the consumer, nor that the market should be indefinitely held at a high level when prices could come down. One of the pharmacist's responsibilities is to see that drugs are purchased at the most economic price consistent with satisfactory quality. The pharmacists concerned in the cortisone case need therefore feel no reproach solely for having obtained cheap tablets. One aspect, however, is disturbing. It is generally recognised that certain firms spend large sums of money in the discovery and development of new drugs. To them the country owes an infinite debt, for it is by their endeavours that medical progress is made and lives are saved or suffering alleviated. Many of them make a continuous contribution to the profession of pharmacy and readily give service and information to any who seek it. All that must be paid for at some point. When importers and factors enter the field with material manufactured outside the country it is not surprising that they can sometimes offer substantial price advantages, since many maintain no research and offer no technical and professional service beyond the narrow confines of a sales organisation. The hospital pharmacist is then troubled in his conscience, for here is a conflict of loyalties: To buy at the best price, or to support the scientific endeavour he knows and can trust and to which he is so often indebted? It may be said that the policy of the Government is to encourage competition, that in matters of national policy such as the protection of the British industry it is the responsibility of the Government and not of the individual pharmacist to provide safeguards. None of those arguments seems convincing and clear enough when the pharmacist is called upon to decide. It would greatly help him if he felt confident that, on the one hand, the home industry was keenly trying to keep

down prices and on the other that he would not be chided if, in accordance with his conscience, he sometimes turned his back upon the lower price—even if the sample showed a satisfactory analysis.

The further point which arises in the cortisone incident is the question of criteria. The disintegration times of the B.P. are, after all, quite arbitrary. Though they serve as a basis of comparison between batches of tablets and put the brake on careless or incompetent tablet making, they have little relationship to physiological conditions. It is by no means always certain that a tablet would be inactivated or noticeably impaired in its pharmacological action if its disintegration time were thirty minutes instead of fifteen. The question of chemical and physical standards is sometimes of greater importance. Whenever a new drug is produced the question of putting a monograph in the B.P. must arise. Now it is by the good grace of the manufacturer that standards and assay methods are made available to the Pharmacopoeia Commission. Doubtless in course of time the Commission could devise and prescribe its own standards, but that would be slow and cumbersome, and would seriously delay the inclusion of the monograph. If, as has been suggested, the standards that eventually appear are insufficient to eliminate inferior or unsuitable material, the fault is attributable, in some measure at least, to the manufacturer. It has been suggested, for instance, that the B.P. standards are not sufficient to ensure that cortisone is of suitable pharmacological quality. If that were so, and the manufacturers were to have other standards which they applied to their own material, then the withholding of that information from the Pharmacopoeia Commission would be reprehensible. The Pharmacopoeia, as an official publication, should contain all the necessary information to safeguard the public against unsatisfactory quality in drugs, and the knowledge that a drug complies with such standards should be an adequate assurance to any pharmacist. The B.P. and the B.P.C. each comprise a wonderful record of the unselfish co-operation of scientists and industrialists in the pharmaceutical field, and it is to be hoped that nothing will occur to mar the confidence which has been built up in those books of standards. They are the only criteria the hospital pharmacist can apply.

ECHOES OF THE PAST

INTELLECTUAL OYL

From Alexander Pope's *The Grand Elixir* (*The Guardian*, 1713)*

I WILL not dwell upon the Recital of the innumerable Cures I have performed within Twenty Days last past; but rather proceed to exhort all Persons, of whatever Age, Complexion or Quality, to take as soon as possible of this my intellectual Oyl; which applied at the Ear seizes all the Senses with a most agreeable Transport, and discovers its Effects, not only to the Satisfaction of the Patient, but all who converse with, attend upon, or any way relate to him or her that receives the kindly Infection. It is often administered by Chamber-Maids, Valets, or any the most ignorant Domestick; it being one peculiar Excellence of this my Oyl, that 'tis most prevalent the more unskilful the Person is or appears who applies it. It is absolutely necessary for Ladies to take a Dose of it just before they take Coach to go a Visiting. But I offend the Publick, as *Horace* said, when I trespass on any of your Time. Give me leave then, Mr. Ironside, to make you a Present of a Drachm or two of my Oyl; though I have cause to fear my Prescriptions will not have the effect upon you I could wish: Therefore I do not endeavour to bribe you in my Favour by the Present of my Oyl, but wholly depend upon your Publick Spirit and Generosity.

*Everyman's Library, J. M. Dent & Sons, Ltd., London, W.C.2.

NEW SCIENTIFIC INSTRUMENTS

Further apparatus from the Physical Society's Exhibition

(Concluded from THE CHEMIST AND DRUGGIST, January 24, p. 98)

ISOTOPE DEVELOPMENTS, LTD., Beenham Grange, Aldermaston Wharf, nr. Reading, Berks, demonstrated apparatus for the location and counting of radioactive deposits in the body.

BALDWIN INSTRUMENT CO., LTD., Brooklands Works, Dartford, Kent, showed a flame photometer for quick and accurate determination of calcium in blood sera and having an accuracy within ± 1 per cent.

J. W. TOWERS & CO., LTD., Widnes, Lancs, and **L. OERTLING, LTD.**, St. Mary Cray, Orpington, Kent, provided data upon and displayed their wide ranges of chemical balances.

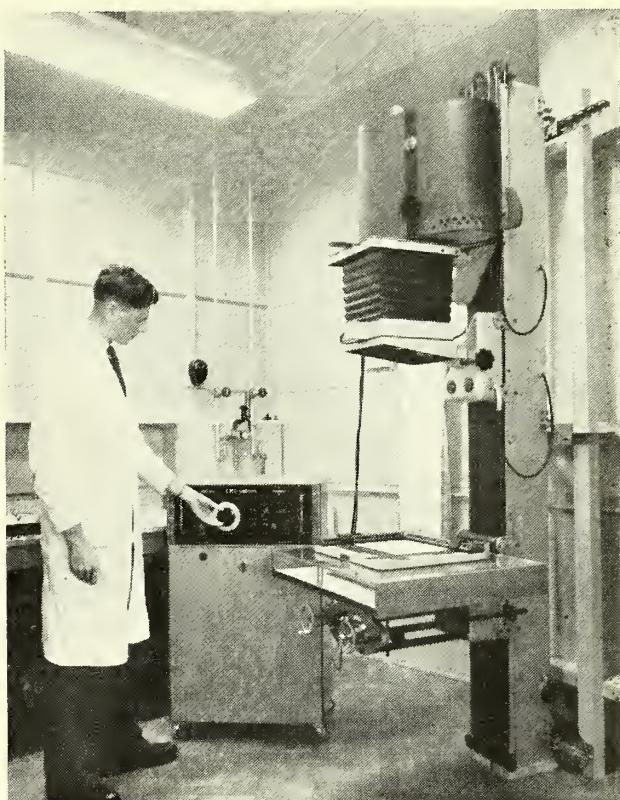
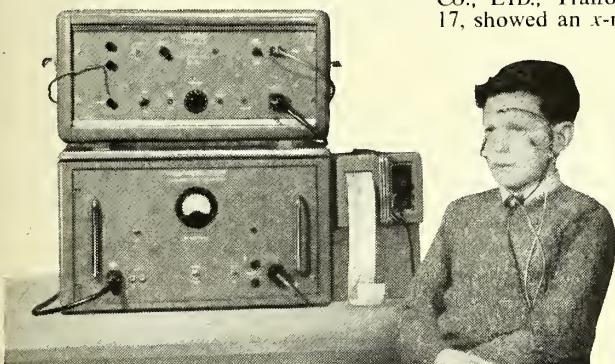
SIEMENS EDISON SWAN, LTD., 155 Charing Cross Road, London, W.C.2, used a 16-mm. projector to project a film using a xenon arc lamp to save use of a shutter.

METROPOLITAN-VICKERS ELECTRICAL CO., LTD., Trafford Park, Manchester, 17, showed an x-ray microanalyser that

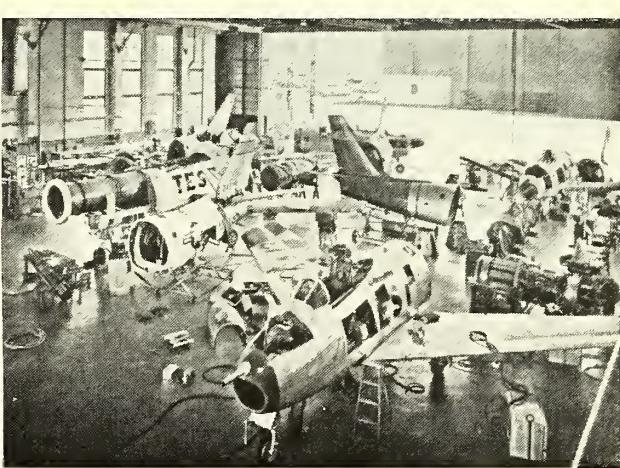
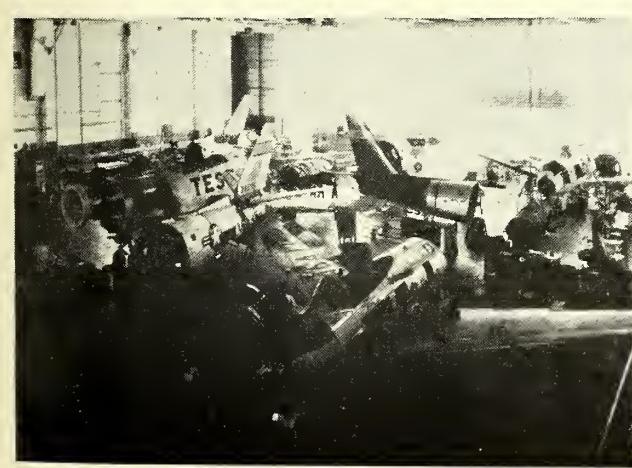
enables quantitative chemical analyses to be performed with small volumes (about 1 cu. micron) of material.

EDWARDS HIGH VACUUM, LTD., Crawley, Sussex, demonstrated latest developments in high-vacuum equipment, including mechanical boosters; Getter pumps for systems involving extremely low pressures that must be free from organic vapours; and apparatus for molecular evaporation.

CLAUDE LYONS, LTD., Valley Works, Hoddesdon, Herts, introduced a proto-



Upper left: Type AS I prototype recording system enabling electrodes on the patient to record voltage differences caused by eye movements (Claude Lyons, Ltd.). Lower left: Sealer 1700 apparatus for determining total radioactivity in the thyroid after radioactive treatment (Isotope Developments, Ltd.). Right: Electronic enlarger in which a scanning beam controls the light applied to sensitised paper to render tonal quality according to preset instructions as to density (E.M.I. Electronics, Ltd., graphic arts division).



Pictures obtained from the same negative by orthodox enlargement (left) and electronically (right). In the electronic enlarger exact rendering of detail has been obtained without reference to varying quality over the area of the negative.

type apparatus for recording eye movement. Cup-shaped silver electrodes are fixed beneath each eye of the subject, and in the middle of his forehead. He reads, and the eye-scanning movements are pen-recorded. From the data so obtained eye response, reading ability and inner ear impairment may be diagnosed.

E.M.I. ELECTRONICS, LTD. (graphic arts division), Hayes, Middlesex, showed an electronic enlarger that gives automatic shading and exposure control by a scanning light beam from a cathode ray tube used as a light-printing source, the operator presetting for paper, processing and print density. The beam varies in intensity to compensate for negative deficiencies.

SOLARTRON ELECTRONIC GROUP, LTD., Thames Ditton, Surrey, demonstrated a programmed actuator useful as a hydraulic amplifier in the packaging industry. Essentially it is an electronic programming unit that accepts instructions from a perforated tape, card or magnetic tape. Changes in box sizes, number, shape or arrangement of contents are effected by modifying the programming instructions.

BRAZIL FREEZES PRICES

Retailers' profit margin also prescribed

PRICES of essential commodities in Brazil have been frozen at October 1958 levels. The Federal Supply and Price Commission (COFAP) has published a list of pharmaceutical products and medicines, with the prices as quoted by the manufacturing laboratories, or importers, at October 31, 1958, which may not be exceeded. The prices ruling at that date for pharmaceuticals included in the so-called "co-operation quota" namely for preparations and drugs considered essential for the public welfare, are maintained unaltered. No such product may be sold to the public without a sales' voucher if the value exceeds 50 cruzeiros (crs.), say 2s. 6d. at present free rates. The margin of profits to retailers has been fixed at 30 per cent. The cost of pharmaceutical products to the public has increased by 168 per cent. during the twelve months ended October 31, 1958. The wholesale price of industrial raw materials has risen 84 per cent. during the same period, according to official statistics; that of finished and semi-finished goods, by 83 per cent., food-stuffs by 51 per cent. and overall costs of living by 74 per cent. The Syndicate of the Pharmaceutical Industry has appealed to the Minister of Finance against the freezing of prices at October levels. Since then, they claim, the cost of raw materials has risen approximately 5 per cent., state and federal taxes have been increased and a new Minimum Wages Law has boosted basic salaries by 60 per cent.

The Public Health Service, in response to appeals by the pharmaceutical industry, has organised an intense campaign against the sale of medicines in bars, restaurants, tobacconists, night clubs, etc. In recent years such establishments have developed a profitable business in stocking, for customers' use, such simple remedies as cough mixtures, laxatives, anodynes, stimulants

W. G. PYE & CO., LTD., Granta Works, Cambridge, showed a chromatograph, using a new argon detector that enables the user to analyse complex substances at sensitivities about 100,000 times greater than previously obtainable. The company's new portable pH meter is a self-contained unit with batteries, direct reading meter, and accessories. The scale is 3½ in. in length and reads 2-12 pH. It may be extended to 0-14 pH by buffer control.

TINTOMETER, LTD., Salisbury, showed the Lovibond hand Tintometer, a small aluminium unit with a built-in light source, optical system, and suitable selection of Lovibond glass filters on rotatable discs. Recent applications of this new tintometer include recording colour changes in the skin of patients undergoing radiation treatment; matching the colour of artificial noses, ears, etc., to patient's flesh colours; in following and recording the colour change of the iris in certain eye diseases; in colour projection to adjust for the colour of illuminated cinema screens; and to check the colour of the illuminant so as to ensure correct rendering.

MISCELLANEOUS INQUIRIES

Planning a Hospital Pharmacy

Do you know of any text-book that would help me in redesigning the pharmacy at this hospital?

We know of no text-book on the subject, but five articles on "Hospital Pharmacy Planning," published originally in the *Public Pharmacist* (official organ of the Guild of Public Pharmacists, by whose Research and Planning Committee the articles were prepared) were reprinted as a 28-p. booklet. The articles deal with floor-space requirements for hospitals of various sizes; surface materials for floors, walls and benches; mains services; filtered air for sterile rooms; furniture and fittings; and service points. The booklet is obtainable (price 3s. 6d., post free) from: Research and Planning Committee, Guild of Public Pharmacists, c/o 18 Sheepcote Road, Harrow, Middlesex.

Taxidermists' soap

Can you give me formulas for taxidermists' arsenical soap?

THE following may serve:—

I			
Powdered camphor	..	..	gr. 360
Arsenic trioxide	..	..	4 oz.
Slaked lime	..	..	4 oz.
Sodium carbonate	..	..	12 oz.
Soft soap	..	..	4 oz.
Water	..	..	a sufficiency

Mix in that order to make a stiff paste.

II			
Arsenic trioxide	..	..	2 lb.
Soft soap	..	..	2 lb.
Prepared chalk	..	..	4 oz.
Camphor	..	..	5 oz.
Methylated spirit	..	..	8 fl. oz.

Boil the arsenic, soap, and chalk together, stir till thoroughly mixed; then incorporate the camphor, dissolved in the methylated spirit, when the paste has cooled.

Silicone Wax Polish

Have you any information on silicone wax polishes and can you provide me with a formula?

LIMITED information is available about the composition of silicone wax polishes. The following formula is for a "wax silicone cleaner polish" and may be of help to you:

		per cent.
Silicone fluid	..	2·0
Microcrystalline wax	..	1·0
Oleic acid	..	2·0
White spirit	..	36·9
Morpholine	..	0·9
Diatomaceous silica	..	9·8
Air floated clay	..	2·4
Water	..	45·0

Test for Milk

Can you give me any information on the methylene-blue test for purity of milk?

THE methylene-blue test for raw milk is carried out according to directions in the third schedule of the Milk (Special Designation) (Raw Milk) Regulations, 1949 (a), S.I., 1949, No. 1590, or (for pasteurised or sterilised milk) under conditions laid down in part III of the third schedule of the Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949 (b), S.I., 1949, No. 1589. Copies of those regulations are obtainable from H.M. Stationery Office.

N.H.S. STATISTICS

In SURREY during June 1958 prescriptions were 410,568. Average cost of ingredients per prescription 67·49d. Average total cost per prescription 83·80d. Total costs £143,360.

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to the dozen on 1 Gross

'Marzine'

TRADE MARK

WITH PAYMENT DEFERRED TILL AUGUST

Are you taking full advantage of this wonderful 'MARZINE' Bonus Offer? By ordering your full season's requirements of 'MARZINE' now, you can secure extra profit on all your 'MARZINE' sales *right through the year.*

There's no need to tie up your capital in stock because you don't have to pay till August—by which time you will have had months of good 'MARZINE' sales.

So don't delay, because this Bonus Offer closes on February 28th. Order a good stock of 'MARZINE' to meet the rapidly increasing demand.

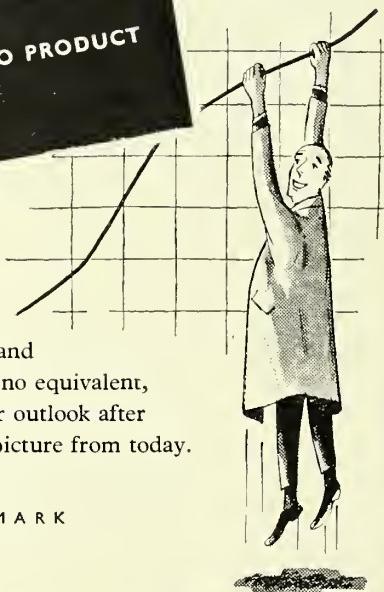
These 'Marzine' Advertisements appear during Jan. Feb. & March on travel features in the National Press with a combined circulation of
54,134,652



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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, JANUARY 28: The most important price change among PHARMACEUTICAL CHEMICALS during the week was an advance of £20 per ton in GLYCERIN. Prior to that the price had remained stable since August 1956, when a reduction of £47 10s. took place.

In the past year competition in GLYCERIN on home and export accounts was stepped up and despite the heavy tax on imported material, some imports competed with the domestic product. The trade returns (see p. 118) show that in 1958 exports were sharply down at £480,751 (from £939,510 in 1957). Whereas imports which includes raw as well as distilled glycerin rose substantially in 1958. The only other price change in chemicals was a £2-per-ton reduction in ZINC OXIDE which thus cancels out the increase noted in the previous week.

In the CRUDE DRUGS market there was a surprise fall in the price of genuine TOLU BALSM which was sharply down at 18s. 6d. per lb. from 23s. Meanwhile the B.P. material was quoted unchanged at 15s. 6d. PEPPERS rose sharply and African GINGER was 10s. per cwt. up on the spot. Chinese MENTHOL was difficult to locate for shipment, while PAPAIN was 1s. 6d. per lb. lower in the forward position.

Californian ORANGE OILS were sharply down reflecting the improved supply position. Indian CASTOR OIL was dearer shipment but domestic Pharmaceutical Oil was unchanged.

Pharmaceutical Chemicals

ACETANILIDE.—1-cwt. lots are 2s. 10d. per lb. for crystals and 5-cwt., 2s. 9d.

AMIDOPYRIN.—Minimum rate is 22s. 5d. per lb. with usual differentials for smalls.

BENZOIC ACID.—1-cwt. lots are 2s. 11½d. per lb.; and SODIUM SALT is 2s. 9½d. per lb. in 1-cwt. lots.

CHLOROCRESOL.—Pharmaceutical quality is quoted at 7s. 2d. per lb. for 1-cwt. lots.

CREAM OF TARTAR.—Rates for the home trade:—1-ton lots, 23ls. per cwt.; 10-cwt., 232s.; 5-9-cwt., 233s.; 2-4-cwt., 234s.; 1-cwt., 235s.

EPHEDRINE.—ALKALOID, is nominally 6s. 6d. per oz., SULPHATE, 4s. and HYDROCHLORIDE, 3s. 3d. per oz.

GALLIC ACID.—B.P. is 10s. 7d. per lb. for 1-cwt. lots. Technical grade is 9s. 9d. per lb.

LONDON EXCHANGE RATES

At the opening on Wednesday

Alexandria ..	Piastres to £	97½-97¾
Amsterdam ..	Florins to £	10·48-10·80
*Bombay ..	Shillings to rupee	1/51½-1/6½
Brussels ..	Francs to £	137·96-142·05
Copenhagen ..	Kroner to £	19·06½-19·62
Frankfurt ..	D Marks to £	11·59½-11·92½
*Hong Kong ..	Shillings to \$	1/21½-1/21½
*Karachi ..	Shillings to rupee	1/51½-1/6½
Lisbon ..	Escudos to £	79·09½-82·00
*Montreal ..	Dollars to £	2·71½-2·71½
New York ..	Dollars to £	2·78-2·82
Oslo	Kroner to £	19·71-20·30½
*Paris	Francs to £	1,408-1,411
Stockholm ..	Kronor to £	14·37½-14·59½
*Singapore ..	Shillings to \$	2·4-2·4½
Zurich	Francs to £	11·94-12·54½

*Free market rates; remainder Bank of England Bank rate: 4 per cent. from November 20, 1958.

GLYCERIN.—Dearer. Rates for pharmaceutically pure (s.g. 1·2627) are now:—

Annual purchases or spot lots of	Under 1 cwt.	1 cwt. and under 5 cwt.		5 cwt. and under 1 ton		1 ton and under 5 tons		5 tons and under 25 tons	
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
TINS									
14 lb.	261 0	256 6	252 6	248 0	245 6				
28-lb.	259 0	254 6	250 6	246 0	243 6				
56-lb.	255 0	250 6	246 6	242 0	239 6				
DRUMS									
1-cwt.	—	234 6	230 6	225 0	224 6				
2½-cwt.	—	231 6	228 0	223 6	222 0				
5-cwt.	—	—	227 6	223 0	221 6				
10-cwt.	—	—	226 6	222 6	221 0				

For 25 tons and upwards the price is from 220s. to 245s. 6d. as to containers. Bulk deliveries in tank wagons from 21s. od. to 21s. 6d. Technical grade glycerin, s.g. 1·2627, is 5s. per cwt. less than the above.

ICHTHAMMOL.—B.P. is from 2s. to 2s. 6d. per lb. in 1-cwt. lots as to origin and container.

PHENOL.—Basic price for ice crystals in drums is 1s. 4½d. per lb. (under 1-ton lots, 1s. 7½d.). Detached crystals, 2d. per lb. above and LIQUID, B.P., 3d. per lb. below the foregoing prices.

PHENYTOM SODIUM.—B.P. is 23s. per lb. in 1-cwt. lots or 25s. less than 56 lb.

PHOSPHORIC ACIDS.—B.P. (s.g. 1·750) is quoted at 1s. 4d. per lb. in 10-carboy lots. 1-2 carboys, 1s. 8d. per lb. B.P. 1914 is quoted from 1s. 2d. to 1s. 6d. per lb. HYPOPHOSPHORUS, B.P.C., in winchesters is from 7s. 5d. to 8s. 6d. per lb., as to quantity.

PILOCARPINE.—In 2-kilo lots prices are: HYDROCHLORIDE, 1,013s. per kilo; NITRATE, 825s.

PIPERAZINE.—ADIPATE is from 32s. 6d. to 36s. 6d. per kilo; CITRATE from 32s. 6d. to 36s. 6d.; HEXAHYDRATE, 19s. 6d. and TARTRATE, 38s. 6d.

QUININE.—Makers' rates for 1,000-oz. lots are now:—SULPHATE, B.P.C., 1932, 1s. 10d. per oz. SULPHATE, B.P.C., 1953, 2s. 0½d.; BISULPHATE, 1s. 10d.; DI-HYDROCHLORIDE, 2s. 4½d.; HYDROCHLORIDE, 2s. 6½d.; ETHYL CARBONATE, 4s. 3d.

SACCHARIN.—In lots of 1 lb. and over B.P.C. powder is quoted at 99s. 10d. per lb., the SODIUM SALT is 80s. 10d. per lb. Prices include duty and carriage.

SALICIN.—Quoted at 17s. 6d. per oz.

SALICYLAMIDE.—Price per lb. for 1-cwt. lots is 8s. 6d.

SEMICARBAZIDE HYDROCHLORIDE.—Technical grade is 15s. 8d. per lb. for 1-cwt. lots.

SULPHUR.—(Per ton in 1-ton lots), B.P. PRECIPITATE, £112 10s.; SUBLIMED, B.P., £47 10s.; POWDER, 100 mesh, £25 10s.

SULPHOCARBOLENES.—SODIUM PHENOSULPHONATE, B.P.C., 1949 (powder) is 5s. 6d. per lb. in 1-cwt. lots and ZINC, B.P.C., 1949, is 5s. 6d.

TANNIC ACID.—The B.P. levis, ex ether is quoted at 10s. per lb. for 1-cwt. lots. The B.P. powder is 9s. 6d. per lb. in 1-cwt. lots.

TARTARIC ACID.—Rates for the home trade are as follows:—10-cwt. lots, 290s. per cwt.; 5-9 cwt., 292s.; 2-4 cwt., 294s.; 1-cwt., 295s.

TEREBENE.—For 1-carboy lots, 4s. 2d. per lb. is asked. In winchesters, prices are 15s. 9d. per lb.; 28-lb., 14s. 6d.

TEREBINTH.—B.P. is 2s. 3d. per lb.

TERPINEOL.—Prices of B.P. grade are from 3s. to 3s. 6d. per lb. as to quantity.

TERPIN HYDRATE.—Prices are from 6s. per lb., upwards as to quantity.

THEOPHYLLINE.—ALKALOID (50-kilo lots): ANHYDROUS, 39s. per kilo and B.P., 36s. 3d.; AMINOPHYLLINE, 36s. 3d. per kilo.

UREA.—Manufacturers' rates for pharmaceutical grade are £63 per ton in 1-cwt. bags non-returnable. Technical quality is £44 10s. per ton.

ZINC CARBONATE.—In 1-cwt. lots the price is 1s. 9½d. per lb.

ZINC CHLORIDE.—B.P.C. cake from 4s. 6d. to 4s. 10d. per lb.; sticks from 5s. 10d. to 6s. 2d. per lb. TECHNICAL, 115s. per cwt.

ZINC PEROXIDE.—Price (per lb.) for 1-cwt. lots of B.P. is 5s. 3d.

ZINC SULPHATE.—B.P. in 1-cwt. lots is quoted at 1s. 9d. per lb.; technical, 60s. per cwt.

ZINC OXIDE.—Lower. B.P. quality in 2-ton lots is now £110 10s.; 1-ton, £111; 10-cwt., £112 10s.

Industrial Chemicals

ACETALDEHYDE.—The 100 per cent. is £155 per ton.

ACETATES.—Prices (per cwt.) for drum lots are as follows:—AMYL (technical), 255s., and B.S.S., 257s. BUTYL, 179s.; ETHYL, 151s.; ISOPROPYL, 147s.

ACETATE ANHYDRIDE.—10-ton lots are quoted at £126 per ton, delivered U.K. in returnable drums; 1-ton lots, £128.

ACETONE.—One-ton lots are quoted at £90 per ton.

BENZOLE.—Thiophene-free is from 9s. 3½d. per gall. for one 50-gall. barrel and pure, 6s. 3½d. per gall. for similar lots.

N-BUTYL ALCOHOL.—1-ton to 5-ton lots are quoted at £159 per ton and one-drum lots are £163 per ton. Secondary is £130.

CARBON TETRACHLORIDE, B.P.—1-2-carboy lots are £135 per ton. TECHNICAL, in 40-gall. drums, in less than 1-ton lots, is £84; 1-ton and under 2 tons, £81; 2 tons and under 4 tons, £80 10s.; 4 tons and upwards, £79 10s.

ISOPROPYL ALCOHOL.—Technical grade (99 per cent.) 5s. 0½d. per gall. for 10,000-gall. lots; anhydrous in drum lots is £108 per ton.

METHYL ETHYL KETONE.—One-ton lots in drums are quoted at £145 per ton.

METHYL ISOBUTYL KETONE.—One-ton lots (in one delivery) are now £165 per ton.

NAPHTHALENE.—Home market prices (per ton for 4-ton lots at one time) are as follows:—CRUDE, crystallising point (4-71·9° C., £22 5s. to £23; WHIZZED, c.p. 72-77·5° C., £27 3s. 6d. to £35 13s. 6d. according to the crystallising point, ex works; HOT-PRESSED, minimum c.p. 77·6° C., £42 10s. 6d. ex maker's works; CRYSTALS from £62 8s. 6d. to £64 18s. 6d., delivered, BALL AND FLAKE, £70 18s. 6d. to £73 9s. delivered.

STEARATES.—Spot prices for minimum 1-ton lots are now as follows:—ALUMINUM (all grades), 258s. 6d. per cwt.; CALCIUM (precipitated), 248s. 6d.; LEAD (30 per cent.), 228s. 6d.; MAGNESIUM (standard), 261s. and (superfine), 307s.; Zinc, 261s. to 291s. as to grade.

TITANIUM DIOXIDE.—In 5-ton spot lots anatase is from £162 5s. per ton; rutile is £178 5s. for surface-coated and £170 for non-surface-coated.

Crude Drugs

AGAR.—Kobe is 10s. 3d. per lb., duty paid; new-crop for January–February shipment, 8s. 6d.

ANISE (STAR).—Chinese is 110s. per cwt. c.i.f. and 135s. spot, duty paid.

ARECA.—Sound nuts 1s. 6d. per lb., spot.

BALSAMS.—Quotations per lb. are:—
CANADA: Spot, 23s. **COPAIBA:** Para from 7s. 6d., duty paid. **PERU:** Spot, 9s. 10d. in bond. **TOLU** (genuine as imported): 18s. 6d., B.P., 15s. 6d.

BELLADONNA.—Herb is 8s. 3d. per lb. on the spot. Root is 1s. 6d. spot; shipment, 1s. 3d., c.i.f.

BUCHU.—Spot rounds are 6s. per lb. and new-crop for shipment, 5s. 6d., c.i.f.

CAPSICUMS.—East African are from 150s. to 200s. per cwt. on the spot.

CARDAMOMS.—Aleppy greens are offered on the spot as 14s. per lb.; January–February shipment is 12s. 4d., c.i.f.; Seeds, spot, 24s., shipment, 19s. 6d., c.i.f.

CASSIA.—Spot, whole 270s. and shipment, 255s., c.i.f.

CHERRY BARK.—Thin natural is 1s. 5d. per lb., and rosed is 1s. 11d.

CHILLIES.—Spot Mombasa are 185s. per cwt. and Zanzibar, 225s.

CLOVES.—Zanzibar on the spot are 3s per lb.; shipment, 2s. 8d., c.i.f.

COCHILANA.—Bark is 1s. 8d. per lb. on the spot.

COLOCYNTH PULP.—Spot, 3s. per lb.

DIGITALIS LEAF.—Purpurea from 1s. 2½d. to 2s. 7d. per lb., c.i.f.

ELEMI.—Spot from 1s. 10½d. per lb.

FRANGULA.—Spot is 105s. per cwt.

GINGER.—African, 110s. per cwt. spot and 102s. 6d., c.i.f. Jamaican No. 3, spot 265s., and shipment 240s., c.i.f. Cochin 115s. spot and 115s. c.i.f., nominal.

HENNA.—Indian new-crop afloat, 82s. 6d. per cwt., ex wharf; shipment, 62s., c.i.f.

HONEY.—Australian light-amber is 113s. to 117s. and medium amber 102s. 6d. to 107s. 6d. Argentine, 125s. to 130s.; Jamaican, 130s. to 135s.; New Zealand clover, 160s. to 170s.; all per cwt. on the spot.

HYDRASTIS.—Spot 28s. per lb.

KARAYA.—No. 1 gum on the spot is quoted at 210s. per cwt., No. 2 at 154s. 6d.

KOLA NUTS.—Jamaican spot market cleared, shipment, 7d. per lb., c.i.f. African 5d. to 5½d. spot and 4d., c.i.f.

KRAMERIA.—Root is quoted at 90s. per cwt.

LEMON PEEL.—Spot cleared; new-crop to arrive 5s. per lb. landed.

LIQUORICE.—Natural root; Persian on the spot is 50s.; for shipment, 42s. 6d., c.i.f., per cwt. Block juice: Anatolian and Chinese, 190s. per cwt., Italian stick from 310s. to 476s. per cwt. Spray dried extract, 2s. 10½d. per lb.

LOBELIA HERB.—Spot offers of American are 3s. 9d. per lb. and for shipment, 3s. 6d., c.i.f. Dutch 3s. 1d., c.i.f. for shipment; spot, 3s. 5d.

Lycopodium.—Russian triple-sifted offering at 25s. per lb., c.i.f.

MACE.—Whole on the spot is 23s. 6d. per lb.

MENTHOL.—Chinese is 52s. 6d. per lb., duty paid; Brazilian, spot, 35s., duty paid, January–February shipment, 33s., c.i.f. Formosan for shipment, 36s., c.i.f.

MERCURY.—Price per flask (76-lb.) is £74 on the spot.

NUTMEGS.—West Indian 80's 17s. per lb., spot; sound unassorted, 12s. 9d.; defective, 9s.

ORRIS ROOT.—Florentine is 335s. per cwt.

PAPAIN.—Shipment is 21s. per lb., c.i.f., for grade one, spot, 25s.

PEPPER.—White Sarawak spot, 2s. 9½d. per lb., February shipment, 2s. 8½d., c.i.f.; Black Sarawak spot, 1s. 7½d.; February shipment, 1s. 6½d., c.i.f. Black Malabar new-crop for February shipment, 207s. 6d.

PEPPERMINT LEAVES.—Dutch, 2s. 2d. to 2s. 10d. per lb., c.i.f.

PIMENTO.—Spot value is 550s. to 560s. per cwt.

PODOPHYLLUM.—*Emodi*: 230s. per cwt., c.i.f., shipment. *Peltatum*, on the spot, 4s. 3d. per lb.; shipment, 450s. per cwt., c.i.f.

PYRETHRUM.—Extract, minimum 25 per cent. w/w pyrethrins, is 75s. per lb. for small lots.

QUASSIA.—Shipment offers (January) are at 39s. per cwt., c.i.f.

QUILLAIA.—Spot offers of whole bark at 130s. per cwt.; cut, 170s.; crushed, 165s. Whole for shipment, 107s. 6d., c.i.f.

RAUWOLFIA.—*Canescens*, 2s. per lb., c.i.f.; *Vomitoria*, 2s. 3d., c.i.f.; *Serpentina*, 6s., c.i.f. asked.

RHUBARB.—Chinese small rounds 6s. 4½d. to 6s. 9d. Best grades not available on spot.

SAFFRON.—Spanish is quoted at 220s. per lb.

SARSAPARILLA.—Jamaican native red on the spot is 2s. 9d. per lb. Shipment, 2s. 6d., c.i.f.

SEEDS.—(Per cwt.) **ANISE.**—Spanish, 170s.; Turkish, 140s.; both spot, duty paid. **CARAWAY.**—Dutch quiet with sellers at 120s., duty paid. **CELERY.**—Indian, 165s., on spot, shipment remains firm at 137s. 6d., c.i.f., on American buying.

CORIANDER.—Moroccan 50s., duty paid; shipment between 42s. 6d. and 43s. 6d., c.i.f. **CUMIN.**—Cyprian, 260s., spot; Iranian, 240s., in bond. **DILL.**—Indian, 72s. 6d., nominally quoted on spot. The shipment price is 58s. 6d., c.i.f. **FENNEL.**—Chinese, 145s., duty paid and Indian, 155s. **FENUGREEK.**—Moroccan, 45s. spot duty paid. **MUSTARD.**—English, 125s. Danish unchanged at 95s., duty paid.

SENEGA.—Spot offered at 14s. 6d. per lb.; shipment scarce.

SENNA.—*Timnevelly* LEAVES, prime No. 1, 1s. 5d. per lb., f.a.q., No. 3, 10d. PODS, manufacturing (f.a.q.) 1s. 3½d. and hand-picked, 1s. 9d. to 2s. 2d. *Alexandria* pods: Manufacturing, offered from 1s. 6d. with hand-picked from 4s. to 6s. 6d.

SLIPPERY ELM.—Grinding quality bark is 2s. 7d. per lb.

SQUILL.—White is quoted at 85s. per cwt. on the spot.

STRAMONIUM.—Indian LEAVES 70s. per cwt., and European, 80s. spot. Dutch, 0·5 per cent. alkaloid, 94s., c.i.f., shipment.

STYRAX.—Spot, 29s. per lb., shipment, 23s., c.i.f.

TONQUIN BEANS.—Para on the spot are offered at 8s. 3d. per lb. Angostura, 11s.

TURMERIC.—Madras finger is 62s. 6d. on the spot; current crop for shipment, 58s. 6d., c.i.f.; March–April, 60s., c.i.f.

VALERIAN ROOT.—Spot; Indian (with rootlets) is 130s. and Belgian, 175s. to 195s. per cwt. Dutch (max, 2½ per cent. sand) for prompt shipment, 159s., c.i.f.

VANILLIN.—Rates (per lb.) are now:—5-cwt. lots, 25s. 3d.; 1 cwt., 25s. 6d.; 56-lb., 25s. 9d.; smaller quantities, 26s.

WAXES.—(Per cwt.) **BEES'.**—Dar-es-Salaam, spot, 485s.; shipment, 470s., c.i.f. Abyssinian, spot, 450s. in bond; shipment, 435s. c.i.f. Benguela spot, nominal; shipment 440s., c.i.f. **CANDELILLA.**—Spot 460s. **CARNAUBA.**—Fatty grey spot, 585s.; for shipment, 575s. c.i.f. Prime yellow, spot, 920s.; shipment, 875s. c.i.f.

Essential and Expressed Oils

ALMOND.—British oil is 9s. per lb. Moroccan, 6s. 9d., in bond.

BAY.—West Indian is 12s. 6d. per lb. on the spot.

CADE.—Spanish is 2s. 6d. per lb. for drum lots.

CAMPHOR, WHITE.—Chinese is 1s. 9d. per lb. in bond.

CASSIA.—Spot is 13s. per lb.; shipment, 13s. 3d., c.i.f.

CEDARWOOD.—1-cwt. lots of American are 5s. per lb. and Kenya, 4s.

CINNAMON.—From quillings, best English-distilled is 50s. per oz.; other B.P. oils from 165s. per lb. Ceylon, leaf, spot, 11s. 6d. per lb.; shipment, 10s. 10½d., c.i.f., rectified, 15s. per lb.; Seychelles, 6s. 6d., spot.

CLOVE.—Madagascar leaf, 6s. 10½d. per lb., duty paid; shipment, 5s. 9d., c.i.f. Rectified 87–88 per cent., 9s. 3d. Distilled bud oil, English, B.P., 30s. to 31s.

CORIANDER.—B.P. oil is quoted from 67s. 6d. per lb.

DILL.—B.P. imported is 25s. per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 4s. 9d. per lb. 80–85 per cent., 5s. 6d. Spanish (70–75), 4s. spot. Chinese 3s. to 3s. 3d.

FENNEL.—Spanish sweet on the spot is quoted at 9s. 6d. per lb.

GRAPEFRUIT.—Jamaican, 20s. per lb. spot. Californian for shipment in limited supplies at 19s. 8d. per lb. South African, 10s. spot.

LEMON.—B.P. grades from 18s. to 30s. per lb. on the spot. Californian for shipment, 25s. to 28s. 6d., c.i.f. Terpeneless, 550s. per lb.

LIME.—West Indian distilled is in the region of 54s. per lb. on the spot.

ORANGE.—Spot quotations of sweet oil include Floridan at 12s. 6d. per lb.; Californian, 15s.; West Indian, 12s.; West African, 24s. 6d.; Israeli, 16s. 6d. For prompt shipment, Californian cold-pressed U.S.P., 10s. 9d., c.i.f.; distilled 5s. c.i.f. Terpeneless is 200s. per lb., spot.

PENNYROYAL.—Spot is quoted from 17s. per lb., duty paid.

PETITGRAIN.—Paraguay is offered at 17s. 6d. per lb. on the spot; 16s. 6d., c.i.f.

PINE.—*Pumilionis* on the spot is 16s. per lb.; *sylvestris*, 25s.; Siberian (*abietis*), 12s. 6d.

SASSAFRAS.—Brazilian is from 3s. 6d. per lb., duty paid.

TANGERINE.—Hand-pressed is 55s. per lb. and machine-pressed, 42s. 6d.; others, 28s. to 29s. on the spot.

VETIVERT.—Spot is currently at about 80s. per lb.

YLANG YLANG.—Spot is from 32s. 6d. to 46s. per lb. as to grade.

UNITED STATES REPORT

NEW YORK, JANUARY 27: The week was featured by the sudden drop in the price of PHTHALIC ANHYDRIDE to 16½ cents a lb., down by four cents. The expectation that a new producer would enter the field before the present quarter is ended and offer lower prices was responsible for the action. Lower per lb. among CRUDE DRUGS were BUCHU LEAVES at \$1·05, down five cents, and ARNICA FLOWERS at 80 cents, down 10 cents. Lower per lb. among ESSENTIAL OILS were coldpressed Californian ORANGE at \$1·50 cents, down 15 cents, with distilled oil at 70 cents, down 20 cents; Ceylon CITRONELLA, 55 cents, down five cents; Florida ORANGE, \$1·05, down five cents, and GRAPEFRUIT, \$2·10, down 15 cents.

WORLD TRADE

Trade Agreement with East Germany.—The Federation of British Industries has announced Britain's first big trade agreement with East Germany, which provides for £7 millions each-way trade between the two countries compared with about £1 million each way at present. Because the British Government does not recognise East Germany, the F.B.I. had to fix the details. Now Britain will export (among other things) chemicals and scientific instruments. In return Britain will buy other chemicals, fertilisers and paraffin wax.

U.S. Firm's Expansion Plans.—Parke, Davis & Co., Detroit, U.S.A., are planning four new European plants, as well as facilities in South Africa and India, as part of their major worldwide expansion. Mr. Harry Loynd (president) said on January 19. He added that the company expected to conclude an agreement soon for a plant in Spain and that plans for units in Belgium, Italy, France, the Union of South Africa and India were already advanced. He told the New York Society of Security Analysts that existing plants in Brazil, Argentina and Mexico would be expanded in 1959. Mr. Loynd said Parke Davis hoped to have on the market this year a common cold vaccine giving protection against seven major strains of cold virus, or "75 per cent. of the causes of common colds." Vaccines against measles and mumps and a single vaccine against tetanus, diphtheria, whooping cough and polio also were planned, Mr. Loynd reported. He said there was a huge market for human medicine ranging from the Belgian Congo to India and from Europe to Latin America. That, Mr. Loynd declared, offered the biggest potential for sales expansion of United States pharmaceutical concerns.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," January 7

For preparations for disinfecting septic tanks, drains and sanitary installations (5)

SANEX ENZO, 776,880, by Harry Conn, London, E.14.

For pharmaceutical preparations for human use (5)

DIACOL DE DURBON, 777,335, by Laboratoires J. Berthier, Grenoble, France.

For pharmaceutical preparations containing azine and being for human use (5)

NAMAZINE DE DURBON, 777,336, by Laboratoires J. Berthier, Grenoble, France.

For sanitary substances, disinfectants and deodorants, all in the form of blocks for use in water closets, sinks, and in refuse bins (5)

BINZAK, 778,620, by Flush Chemicals, Ltd., Liverpool, 24.

For pharmaceutical digestives for human use (5)

QUIBON, 779,319, by Hormo-Pharma (Sales), Ltd., London, E.C.1.

For pharmaceutical preparations and substances (5)

SALIGEX, 780,539, by Macleans, Ltd., Brentford, Middlesex.

For all goods (5)

FARACO, 779,286, by Thomas Henry Jacobs, Frampton Cotterell, Bristol, CATAFRESAN,

779,805, by C. H. Boehringer Sohn, Ingelheim-on-Rhine, Germany. COLBAX, 782,098, by Letchworth Pharmaceuticals, Ltd., Letchworth, Herts. EVENTIN, 782,369, by Knoll A.G., Ludwigshafen-on-Rhine, Germany. ACTOMOL,

782,422, by Imperial Chemical Industries, Ltd., London, S.W.1.

For pharmaceutical preparations (5)

RANDOLECTIL, 780,646, by Farbenfabriken Bayer, A.G., Leverkusen, Germany.

For pharmaceutical preparations for export except to the Irish Republic, but not including preparations for use in the treatment of corns or any goods of the same description (5)

Device with word RESPIC, 778,326, by Reckitt, Colman, Chiswick (Overseas), Ltd., Hull, Yorks.

For apparatus and instruments for use in colour photography and colour cinematography, etc. (9)

MEXICOLOR, 777,173, by Hanimex (U.K.), Ltd., London, E.C.1.

For surgical and medical apparatus and instruments (10)

HELSUR, 781,840, by Phelps Surgical Appliances, Ltd., London, N.15.

For brushes, combs, toilet sets for the hair and toilet sets for use on the dressing table; and toilet articles sold in sets in fitted cases, etc. (21)

FLIGHTWEIGHT, 7779,693, by G. B. Kent & Sons, Ltd., London, W.1.

For cosmetic powder cases for personal use (3); lipstick cases (sold empty) not of precious metal or coated therewith (21) and face cloths and towels (24)

MISS UNIVERSE, 781,801-05-06, RANDOR,

781,809-13-14, by S. D. Rand, Ltd., Romford, Essex.

For food for cats (31)

POUNCE, 781,682, by Petfoods, Ltd., Melton Mowbray, Leics.

For brushes for the teeth and for denture plates (21)

DENTALON, 782,056, by Betterwear Products, Ltd., Romford, Essex.

From the "Trade Marks Journal," January 14

For dehydrated borax (1)

PYROBOR, 753,019, by American Potash and Chemical Corporation, Los Angeles, California, U.S.A.

For chemical products for use in agriculture, horticulture and forestry, and chemical products used in industry (1)

MONOBOR, 782,328, by Borax Consolidated, Ltd., London, S.W.1.

For perfumes and non-medicated toilet preparations, essential oils, cosmetics, hair lotions, hair shampoos and dentifrices, but not including soap or any goods of the same description (3)

LANETTE, 778,082, by Ronshain & Moore, Ltd., Castleford, Yorks.

For non-medicated toilet preparations for the hair (3)

SPRAZ, 778,285, by Nestle-Le Mur Co., New York, U.S.A.

COMING EVENTS

Items for inclusion under this heading
Editor not later than first post on

Monday, February 2

LONDON UNIVERSITY, Post-graduate medical school, Ducane Road, W.12, at 4 p.m. Dr. A. Bearn (Rockefeller Institute for Medical Research, New York) on "Biochemical Genetics in Clinical Medicine."

PLYMOUTH AND DISTRICT BRANCH, PHARMACEUTICAL SOCIETY, Lecture hall, Freedom Fields hospital, at 7.30 p.m. Mr. B. Rose on "Defence Against Poliomyelitis."

SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, S.W.1, at 6.30 p.m. Dr. D. A. Wright on "The Selection and Control of Semiconductors for Different Applications."

STOCKPORT AND DISTRICT BRANCH, PHARMACEUTICAL SOCIETY, The Warren Bulkeley hotel, Warren Street, at 7.45 p.m. Rev. I. Hodson on "The Dead Sea Scrolls."

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Central Library, Beckenham, at 8 p.m. Mr. W. R. Roberts (chief inspector, Pharmaceutical Society) on "Decisions of the Courts and their Effect on Pharmaceutical Practice."

Tuesday, February 3

GLASGOW PHARMACY CLUB, Craig's tea rooms, Sauchiehall Street, at 7.30 p.m. Whist drive.

LEEDS AND DISTRICT BRANCH, NATIONAL PHARMACEUTICAL UNION, Metropole hotel, at 7.45 p.m. Mr. H. G. Moss on "Whither Pharmacy? A contrast in British and American Trends."

LONDON UNIVERSITY, Anatomy lecture theatre, University College, Gower Street, W.C.1, at 5.30 p.m. Professor G. W. Beadle (California Institute of Technology) on "Mendelian Inheritance."

LONDON SECTION, SOCIETY FOR ANALYTICAL CHEMISTRY and the BIOMETRIC SOCIETY, London School of Hygiene, small lecture theatre, at 6.30 p.m. Mr. J. V. Smart and Mr. G. A. Stewart on "A Study of the X² Distribution in Insulin Assays"; Mr. V. J. Kirkshaw on "Range Method in Estimating Biological Assay Variance"; Mr. K. L. Smith on "Comparison of Approximate and Refined Methods for Treating 2 + 2 Quantal Response Assays."

SOUTH SHIELDS PHARMACISTS' ASSOCIATION AND BRANCH, PHARMACEUTICAL SOCIETY, King's Hall, South Shields, at 7.30 p.m. Illustrated talk: "Northumberland."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Vane Arms hotel, High Street, Stockton-on-Tees, Mr. H. W. Tomski on "Management Accounting in Retail Pharmacy."

Wednesday, February 4

LONDON SECTION, SOCIETY FOR ANALYTICAL CHEMISTRY, Chemical Society, Burlington House, W.1, at 7 p.m. Meeting on "The Estimation of Pesticide Residues."

should be sent in time to reach the Wednesday of the week of insertion.

NORWICH AND DISTRICT BRANCH, PHARMACEUTICAL SOCIETY, Assembly house, Theatre Street, Norwich, at 7.30 p.m. Lieut. E. H. Froese (pharmacist, U.S.A.F.) on "Retail Pharmacy in America."

INDUSTRIAL WELFARE SOCIETY, Hotel Rembrandt, Thurloe Place, London, S.W.7. One-day conference for retail executives: "The Challenge to the Retail Trade."

CAMBRIDGE AND HUNTINGDON BRANCH, PHARMACEUTICAL SOCIETY, Matthew's café, 14 Trinity Street, at 8 p.m. Dr. F. A. Robinson on "Insulin and the Future of Diabetic Treatment."

Thursday, February 5

DURHAM CITY BRANCH, PHARMACEUTICAL SOCIETY, Waterloo hotel, Old Elvet, Durham City, at 7.45 p.m. Mr. E. T. Kent (member of Council) on "Some Thoughts on the Future."

GUILDFORD AND DISTRICT BRANCH, PHARMACEUTICAL SOCIETY, Prince of Wales, at 7.30 p.m. Mr. H. R. Curley (C. L. Benard, Ltd.) on "Allergic Diseases in Man."

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, Kingston Technical College, Fassett Road, at 7 p.m. Professor M. Stacey on "Fluorinated Hydrocarbons."

NORTH LONDON PHARMACEUTICAL ASSOCIATION AND BRANCH, PHARMACEUTICAL SOCIETY, Café Royal, W.1, at 6.15 p.m. Annual dinner and dance. Tickets price 37s. 6d.

Friday, February 6

LONDON UNIVERSITY, Westminster Medical School (Meyerstein lecture theatre), Horseferry Road, S.W.1, at 5.15 p.m. Professor L. T. Samuels (Utah) on "Studies of Steroid Biosynthesis in Testicular Interstitial Cells."

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bluecoat Chambers, School Lane, at 7.45 p.m. Miss J. Moore (Royal Southern Hospital) on "Dietetics."

SOCIETY OF COSMETIC CHEMISTS, Café Royal, W.1, at 7.30 p.m. Annual dinner and dance. Tickets price 38s. 6d.

Advance Information

MIDLAND MANAGEMENT CONFERENCE, British Institute of Management, Town Hall, Royal Leamington Spa, on February 26 and 27. "Management in a Competitive World."

THE 19TH INTERNATIONAL CONGRESS OF THE PHARMACEUTICAL SCIENCES, Zurich, September 6-10. Latest date for registration June 15. Further information from Professor K. Steiger-Trippi, Pharmaceutical Institute of the Swiss Federal Institute of Technology, Clausiusstrasse 25, Zurich, Switzerland.

TELEVISION

Programme details are given to enable chemists to put in linking-up displays if they wish. Figures in the columns represent number of appearances of the product during the week.

	London	Midland	North	Scotland	Wales	South	North-east
February 8-14							
Alka-Seltzer	2	1	1	—	1	—	2
Amami wave set	2	2	2	3	2	2	—
Anadin	4	4	3	4	4	3	3
Andrews liver salt	—	—	—	—	—	—	2
Angier's junior aspirin	2	3	—	—	—	—	—
Anne French	—	1	—	—	—	—	—
Antussin	—	—	3	—	—	—	—
Asku	—	—	—	12	—	—	—
Aspro	5	4	1	2	3	3	3
Beecham's pills	—	2	—	3	—	—	—
Beecham's powders	3	2	3	3	4	—	3
Bristow's shampoo	2	3	4	2	3	3	3
Brylcreem	3	3	3	3	3	3	3
California syrup of figs	—	2	2	—	—	—	—
Christy's liquid lanolin	3	—	—	—	—	—	—
Cojene	—	3	—	—	—	—	—
Delrosa	—	—	—	—	1	2	—
Delsey toilet tissue	2	2	—	2	—	2	—
Digestif Rennies	2	3	3	3	3	—	—
Diuronil	1	1	1	2	1	—	—
Eno's Fruit Salt	2	—	—	—	—	—	—
Fernings' little healers	—	1	2	—	2	2	—
Ferguzade	—	—	5	—	—	—	—
Germolene	4	1	—	—	—	—	—
Gibbs' S.R. tooth-paste	3	3	3	4	4	3	3
Gillette razors and blades	8	8	8	8	8	8	8
Horlicks	3	3	3	2	2	1	3
Iron Jelloids	—	—	3	—	3	3	3
Jif p'astic lemons	2	—	—	—	—	—	—
Kleenex tissues	1	3	2	2	1	2	3
Knights Castile soap	—	—	—	7	—	7	—
Lantigen "B"	1	1	1	1	1	1	—
Lelectric shave	1	1	—	—	—	—	—
Lemskin	3	3	3	3	—	—	—
Lloyd's adrenaline cream	1	—	—	—	—	—	—
Loxene medicated shampoo	2	2	2	2	2	2	2
Lucozade	5	5	4	3	4	4	4
Mac throat sweets	2	2	1	1	1	—	1
Maclean's tooth-paste	3	3	3	3	3	—	3
Marigold baby pants	—	—	—	—	—	2	—
Max Factor eye make-up	3	2	3	4	3	3	4
Medic-Aire	—	2	—	—	—	—	—
Mentholsulphur rub	—	—	1	—	—	—	—
Milk of Magnesia	—	2	2	—	2	2	2
Milk of Magnesia tablets	1	1	1	3	1	—	—
Milpar	—	—	2	—	—	—	—
Moorland tablets	1	1	2	1	1	1	1
Nemakol	3	3	3	1	2	1	1
Owbridge's lung tonic	1	1	1	1	1	2	—
Pacquins	—	2	2	2	2	2	—
Penetrol	1	1	1	1	—	1	—
Phenolic	2	1	3	2	1	—	3
Phillips' tooth-paste	2	—	—	2	—	—	—
Phosferine	3	4	3	1	—	—	3
Phosferine tonic wine	—	1	—	—	—	—	—
Phyllosan	—	3	3	—	3	—	—
PLJ	3	3	3	5	3	—	—
Potter's catharr pastilles	2	2	1	1	1	1	—
Preparation H	—	—	—	—	1	—	—
Puneh and Judy tooth-paste	1	—	—	—	1	—	—
Ribena	1	3	3	3	2	2	—
Rinstead pastilles	—	1	—	—	1	2	—
Sanatogen	5	6	4	—	—	—	—
Savlon barrier cream	1	1	1	1	1	1	—
Savlon lozenges	2	3	3	3	4	4	3
Scott's emulsion	—	2	2	—	—	—	—
Sea Pearls	—	—	4	—	—	—	—
Setlers	—	4	1	—	4	—	4
Shavex	—	2	2	—	—	—	—
Silvikrin hair cream	2	2	2	—	—	—	—
Silvikrin shampoo	2	2	2	2	2	2	2
Silk 'N Satin	—	2	—	—	—	—	—
Sqeezy	—	—	4	3	—	—	8
Suregrip house gloves	1	1	1	1	1	1	1
Valderma	3	—	3	2	—	—	—
Veno's cough mixture	2	2	2	2	2	2	—
Vosene shampoo	3	3	3	3	2	4	—
Vykmin	1	1	1	1	1	—	—
Yeast-Vite	1	1	1	1	1	—	—
Zeph	—	—	—	2	—	—	2
Zubes	4	4	3	4	2	2	—
Zubes cough mixture	1	1	1	1	—	1	—

C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; * = Tax 30 per cent.; ‡ = Tax 60 per cent.

ABOTT LABORATORIES, LTD. (from February 2)

	I.R.P.	
100 mgm.	25	30 11 R
100	116	6 R
500	555	6 R
250 mgm.	25	63 9 R
100	250	9 R
500	1,218	9 R
Erythrocin suspension	60 mils	18 0 R

UPJOHN OF ENGLAND, LTD. (from February 2)	500	464	0	696	0 R
Erythromycin tablets	1,000	926	0	1,389	0 R

BRITISH SCHERING, LTD. (from February 2)

	Each	
Medinal tablets 0·32 gm.	10	1 3 1 8 R
100	5 9	7 8 R
250	13 3	17 8 R
0·5 gm.	100	8 6 11 4 R
250	19 6	26 0 R
Vcramon tablets	10	2 6 3 4 R
100	13 0	17 4 R

A. WANDER, LTD. (from February 15)	Doz.	
Aminacyl (sodium P.A.S.) powder	100 gm.	58 0 7 3 R
250 gm.	130 0	16 3 R
500 gm.	230 0	29 9 R
kilo	398 0	49 9 R
eachets 1·5 gm.	100	110 0 13 9 R
250	270 0	33 9 R
500	524 0	65 6 R
2 gm.	80	118 0 14 9 R
400	556 0	69 6 R
tablets 0·5 gm.	100	46 0 5 9 R
250	112 0	14 0 R
500	180 0	22 6 R
0·75 gm.	1,000	332 0 41 6 R
Eau de Coty‡	2 oz.	152 0 27 6 A
4 oz.	69 0	12 6 A
8 oz.	114 0	21 0 A
16 oz.	207 0	37 6 A
Tale de Coty‡	2 oz.	51 0 4 9 A
Bath dusting powder (with puff)‡	69 0	12 6 A
Bath oil‡	58 0	10 6 A
Bath salts‡	114 0	21 0 A
Toilet soap* box of 3	54 0	7 6 A
Bath soap*	32 0	4 6 A
Tonic hair friction lotion‡	2 oz.	51 0 9 6 A
Liquid brilliantine‡	30 0	5 6 A
Hand treatment cream‡	tube 2 oz.	28 0 5 0 A
	jar 4 oz.	51 0 9 6 A
Mascara‡	42 0	7 6 A
	refill‡	28 0 5 0 A
Eyebrow pencil‡	28 0	5 0 A
Avocado shaving stick*	26 0	4 0 A
	refill*	18 0 2 9 A
shaving bowl*	60 0	8 6 A
	refill*	46 0 6 6 A
Talcum for men‡	26 0	4 9 A
Pre-electric shave lotion‡	44 0	8 0 A
After-shave lotion‡	44 0	8 0 A
Eau de Cologne "Speciale"‡	51 0	9 6 A

P.A.T.A. LIST (Alterations notified this week by the Proprietary Articles Trade Association)	17	6	2	6	A
NUMOL, LTD.	Homoecca ointment*	17	6	2	6
	35 0	5	0	4	A
Proctors pastilles*	8 4	1	2	2	A
	21 8	3	0	4	A

ADDITIONS TO THE LIST

ROBERTS WINDSOR SOAP CO., LTD.

Otto of Roses and Otto of Jasmin toilet soap*	11 9	1 8
bath soap*	22 3	3 2
bath cubes†	20 7	3 6
bath dusting powder‡	55 9	9 6
talcum powder‡	20 7	3 6
Jaslyn "mammoth" bath oval*	15 6	2 1

DELETIONS FROM THE LIST

DUNCAN, FLOCKHART & CO., LTD. Syrup Pholcodine.

SPARKLETS, LTD. Zonk aerosols.

NEW PRODUCTS AND PACKS

J. ALLEN RUBBER CO., LTD. Marigold nylon-plastic baby pants

Corangil tablets*	50	8 3	14 10
250	35 10	64 6	6
1,000	129 6	233 1	1

ARMOUR LABORATORIES Arcofae dispensing pack 80 fl. oz.

BOOTS PURE DRUG CO., LTD. Ivax 6 fl. oz.

CHESEBROUGH-POND'S, LTD. Vaseline medicated shampoo sachet bottle

CIBA LABORATORIES, LTD. Vionactane injection 15 4 23 0

CONTINENTAL LABORATORIES, LTD. Doz.

Conprin sachets*	12	24 0	3 7
24	44 0	6 7	7
dispensing pack 240	390 0	—	—

JANE SEYMOUR, LTD. Jane Seymour talc‡

PFIZER, LTD. Cortril spray aerosol 15 0

RIMMEL, LTD. "Beauty on a budget" nail lacquer‡

SAVORY & MOORE, LTD. Dentural* 8 oz. 18 4 2 9

UNIVERSAL LABORATORIES, LTD. Cleer nasal spray 33 9 3 9

PAINES & BYRNE, LTD. (from February 2)

Clarke's blood mixture*

5 oz.	18 5	2 6 A
8 oz.	29 5	4 0 A
16 oz.	47 10	6 6 A
blood tablets*	30	18 5 2 6 A
	54	29 5 4 0 A
	100	47 10 6 6 A
blood salve*	1 oz.	18 5 2 6 A
	3 oz.	29 5 4 0 A
	6 oz.	47 10 6 6 A
aperient pills*	24	18 5 2 6 A
	72	29 5 4 0 A
skin lotion*	4 oz.	13 0 1 9 A

PAINES & BYRNE, LTD. (from February 2)

Each

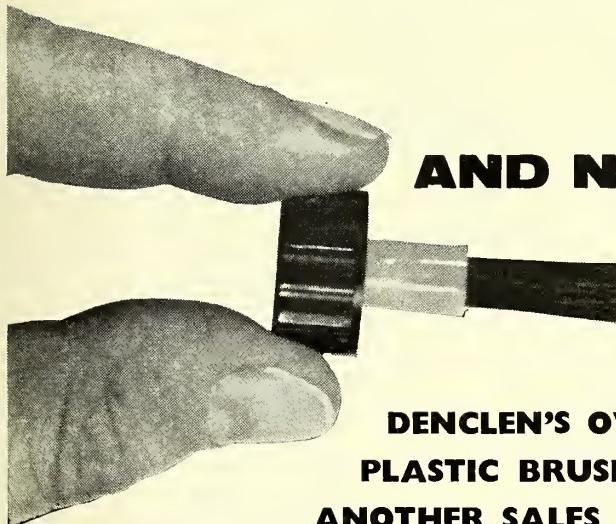
Paracort outfit capsules	13 4	20 0 R
10	10 0	15 0 R
25	24 0	36 0 R
100	94 0	141 0 R

DENCLEN

GOES NATIONAL

for record sales and record profits

Over four thousand dentists already use and recommend Denclen, the thirty-second denture cleanser. You can look for a bumper response now that big National advertising is under way.



AND NOW...

**DENCLEN'S OWN
PLASTIC BRUSH IS
ANOTHER SALES AID**

Every bottle now carries a built-in plastic brush that's designed to search out impurities, penetrate all crevices and mouldings of modern plastic dentures. Customers will like this touch. It makes cleaning quicker, simpler, more efficient—and you get big repeat business.

**GET STOCKED UP NOW FOR
BIGGER BUSINESS IN 1959**

Order from your Potter and Moore representative; or from your wholesale distributors.

SEE THE DAILIES

Daily Express.....	4,040,572
Daily Mail.....	2,103,988
Daily Herald	1,523,334
Daily Mirror.....	4,526,453
Daily Telegraph.....	1,133,585
News Chronicle.....	1,267,341

SEE THE SUNDAYS

News of the World.....	6,767,348
Sunday Express	3,397,913
Empire News & Sunday Chronicle.....	2,161,230

SEE THE RADIO TIMES

Radio Times.....	7,953,599
------------------	------------------



TERRIFIC THERMOS NEWS

THERMOS wholesalers now give retailers

**5% EXTRA
DISCOUNT**

on every order of £7:10:0 nett or
£10:0:0 retail selling price and above

For ALL THERMOS FLASKS, JUGS, JARS and ICE
BOWLS, COMPONENTS and ACCESSORIES

On every order you place with your THERMOS wholesaler for £7:10:0 nett (which equals 25% off list price or £10:0:0 retail selling price) or over, you qualify for an extra 5% discount. There are no strings attached either. The composition of your order is entirely in *your* hands. Order Flasks, Jugs, Jars, Ice Bowls or whatever THERMOS merchandise you like and, if the value is £7:10:0 nett or over you get the extra 5%. Please remember to place all orders through your usual THERMOS wholesaler.

With renowned THERMOS merchandise plus
heavy THERMOS consumer advertising.

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WILL BE A BUMPER PLUS YEAR

THERMOS

REGISTERED TRADE MARK
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For detailed price list apply direct to:





From the age of two onwards,
well into old age, almost every one
of the 51,455,000 inhabitants of Great Britain
uses a toothbrush.

And 16,173 new toothbrush users are born every week!

Moreover, for the rest of their lives,
every child and every adult will need
a replacement every few months or so.

(Sometimes the brush wears out:
sometimes it gets lost:

sometimes little Johnny uses it on his bicycle!)

Be ready for all these customers—

toddlers, teenagers and grown-ups.

Offer them the full TEK range

in all the popular shapes and textures,
designed to meet every preference.

Johnson & Johnson's products

are made for the care of the whole family.

Many of the families in your neighbourhood

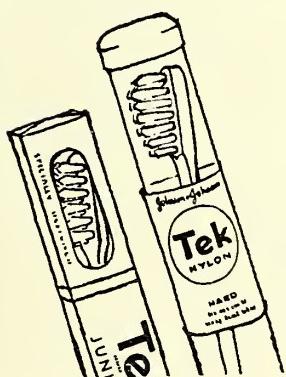
are your friends already:

make sure of their continued custom—

and make friends with new customers—

by stocking the full Johnson & Johnson range.

ANOTHER CUSTOMER FOR Tek



Johnson & Johnson

Of proved efficiency against infection

The Antipeol products incorporate the broth filtrates of the microbes common to most cutaneous, naso-pharyngeal and ocular complaints.

ANTIPEOL

CUTANEOUS OINTMENT

For the immediate treatment of Burns and Scalds. For Boils to avert surgical intervention. Also for ABSCESSSES, ECZEMA, CARBUNCLES, VARICOSE ULCERS, HAEMORRHOIDS, and certain types of DERMATITIS.

RHINO-ANTIPEOL

PROPHYLACTIC NASAL CREAM

For ASTHMA, BRONCHITIS, CATARRH, CORYZA, RHINITIS and many other infections of the naso-pharynx.

OPHTHALMO-ANTIPEOL

THERAPEUTIC OPHTHALMIC OINTMENT

For BLEPHARITIS, CONJUNCTIVITIS, DACRYOCYSTITIS, KERATITIS and other inflammatory conditions of the eye.

Among the MEDICAL AND NURSING PROFESSION and THE FIRST AID ASSOCIATIONS, the ANTIPEOL preparations enjoy a continued and growing popularity. They are highly regarded as simple but effective remedies against even the more virulent forms of skin, nose and eye infections.



MEDICO-BIOLOGICAL LABORATORIES LTD.
CARGREEN ROAD, SOUTH NORWOOD, LONDON, S.E.25.

PB26

ideal iron treatment for hypochromic anaemia

SYRUP

Blackcurrant flavour—no "Iron" taste, each teaspoonful equivalent to 25 mgm. Ferrous Iron with 1 mgm. Aneurine Hydrochloride B.P.

Basic N.H.S. Price

2 oz. Bottles

2/-

40 oz. Bottles

18/-

Plesmet

SYRUP

TABLETS

TABLETS

Each equivalent to 50 mgm. Ferrous Iron with 1 mgm. Aneurine Hydrochloride B.P.

Basic N.H.S. Price

Bottles of 100

2/8

Bottles of 1000

17/6

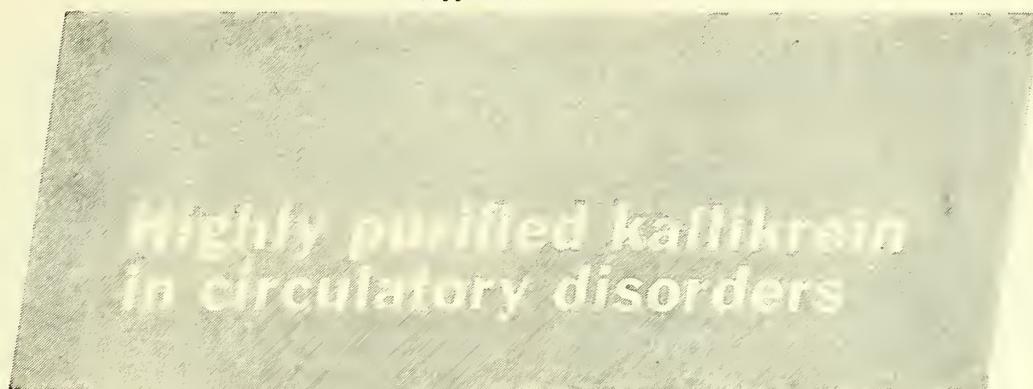
MAXIMUM IRON UTILIZATION · RAPID ABSORPTION · NO NAUSEA
LOW PRESCRIPTION COST · NON-CONSTIPATING · NO GASTRIC UPSET

Current clinical trials indicate that the new PLESMET SYRUP is readily acceptable to children—and to adults who cannot take tablets—it possesses the advantage of the tablets in effectively raising Haemoglobin levels without gastric irritation.

PLESMET is the Ferrous aminoaceto-sulphate "chelate" complex which minimizes oxidation to the irritating ferric forms and ensures maximum assimilation with a high degree of toleration.



COATES & COOPER LTD. PYRAMID WORKS · WEST DRAYTON · MIDDLESEX



In a wide variety of circulatory disturbances and conditions arising from inadequate circulation, GLUMORIN (highly purified kallikrein) provides a vasodilator acting directly on the peripheral circulation which raises the blood supply level to the affected organs and improves tissue circulation.

Glumorin

**Indications
include :**

Conditions arising from inadequate circulation, circulatory disturbances in incipient senility; Migraine; Oligomenorrhoea; Dysmenorrhoea; Relief of striped muscle spasm; poor healing of wounds, burns, ulcers, and to support healing of skin grafts and transplants.

GLUMORIN is a highly purified, standardized preparation of high molecular weight of the circulatory hormone – kallikrein* – secreted by the pancreas and submaxillary glands.

DEPOT-GLUMORIN is kallikrein bound by adsorption to a high molecular weight colloid producing an effect lasting for more than 24 hours.

Availability

GLUMORIN Tablets (Oral)—each 10 biological units.
Ampoules—each 10 biological units.

DEPOT-GLUMORIN Vials—each 40 biological units.

*Frey, Kraut & Werle, 'Kallikrein,' Enke Verlag, Stuttgart 1950.

Literature gladly supplied on request—prices on application.



Sole distributors for Farbenfabriken Bayer A.G., Leverkusen, Germany, are Levmedic Ltd., 37/41, Bedford Row, London, W.C.1, to whom all communications should be addressed.

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To display a natural deep sea sponge is to sell it—because discriminating customers know that it is softer and kinder to the skin, and more lasting and more hygienic than any substitute—as well as holding three times as much water.

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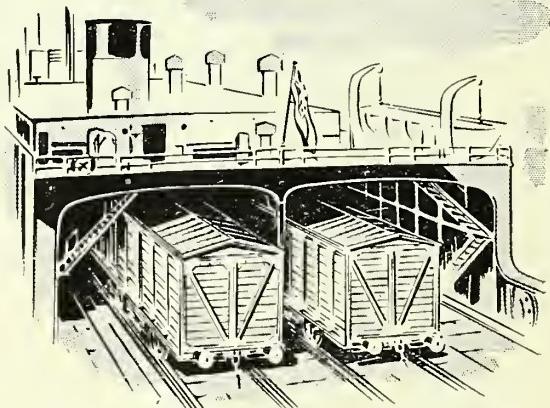
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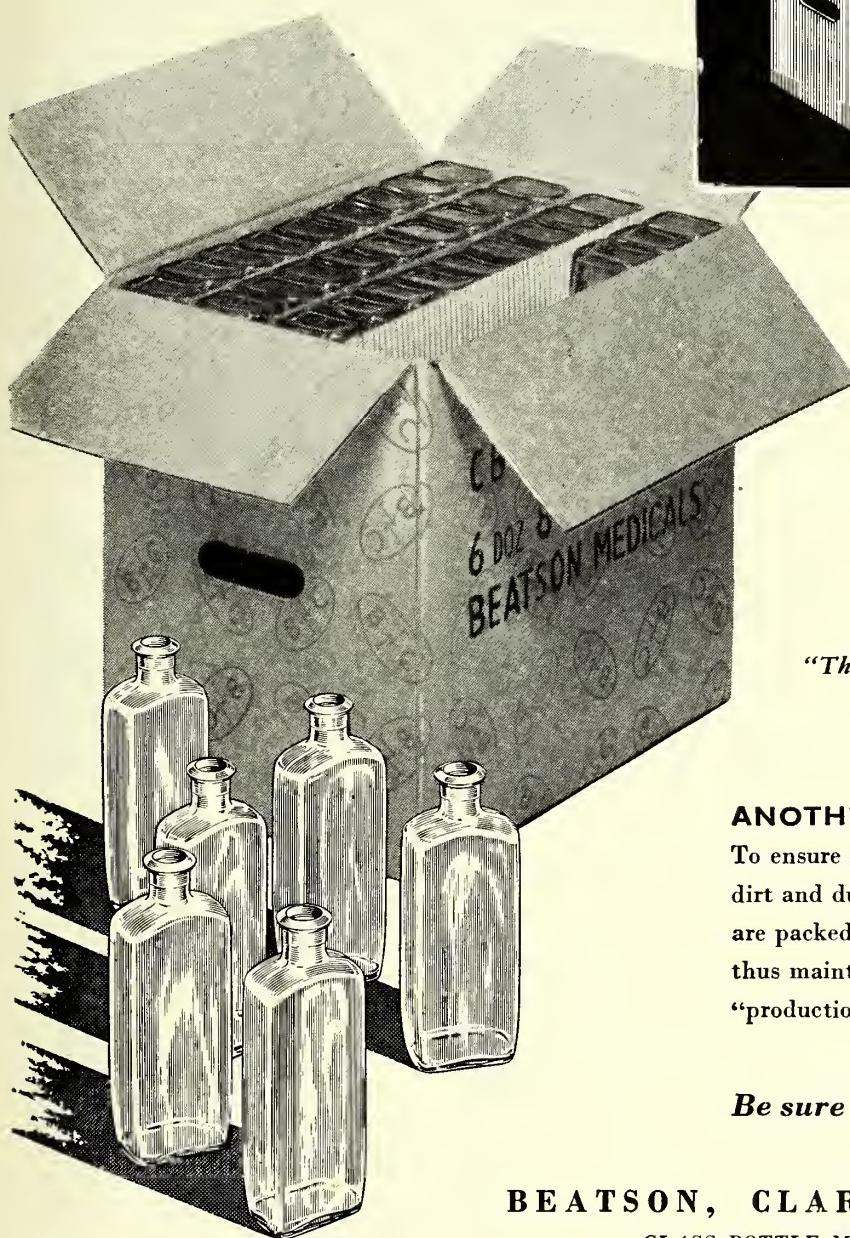
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Packing and handling absolute minimum

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*For cleaner storage . . .
The Beatson Medical
now in the
Beatson Sealed Carton*



"The Sign of a  Good Bottle"

ANOTHER BEATSON SERVICE!

To ensure maximum protection against dirt and dust, all Beatson Medicals are packed in the Beatson Sealed Carton thus maintaining the bottles in "production clean" condition until use.

Be sure to specify BEATSON

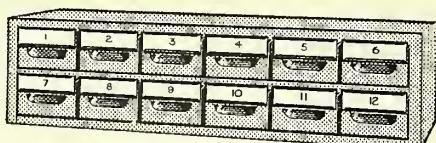
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GLASS BOTTLE MANUFACTURERS

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ROOTHERHAM

(Established 1751)

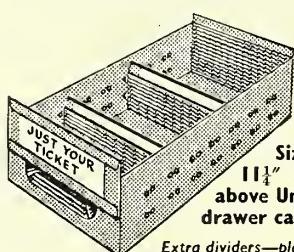
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12 DRAWER All-Steel UNIT**TYPE "A"**

Stove enamelled, dark green, size 8" high by 36" wide by 12" deep, this complete 12 Drawer Unit is available at this very low price

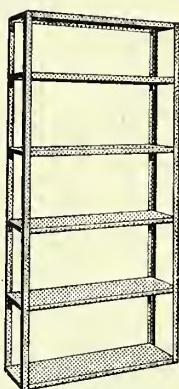
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Units are also available in any multiple of 6 Drawers. Ideal for small component parts.

**THIS IS A
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DRAWER**

Size 5" wide by 3" high by 11 $\frac{1}{4}$ " long, supplied in the above Unit with free divider and drawer card.

Extra dividers—plain 6d. each,
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72" HIGH 34" WIDE 12" DEEP

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- Shelves adjustable every inch.
- Heavy gauge shelves will carry 400 lb. each.
- Stove enamelled dark green.
- 6 shelves per bay—Extra shelves 8/- each.
- Quantity discounts.

READY FOR **£3.15** Also available in ERECTION White at £5 per Bay

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RIDDOVYDRIN gives Rapid and Prolonged Relief to the most Chronic Cases.

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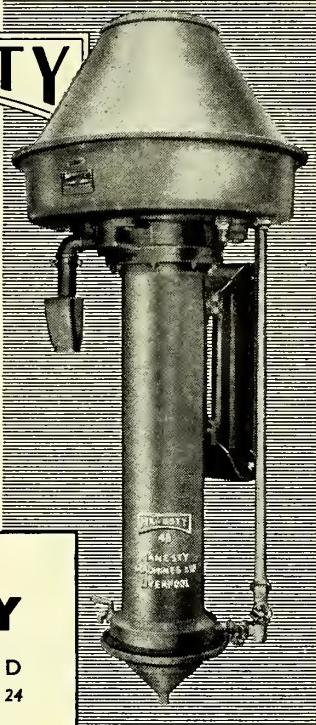
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AUTOMATIC

Water Stills

OB GAS
Output
3 pints
per hour

4B STEAM HEATED
Output
50 gallons
per hour

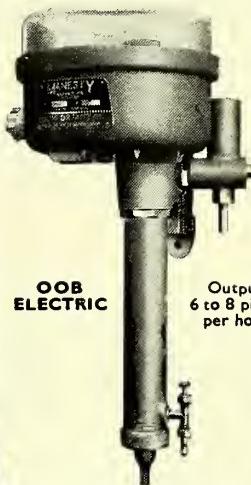


World-famed for their design, careful construction and low cost of operation, Manesty Stills ensure a constant supply of fresh pure distilled water above the requirements of the British Pharmacopoeia. Nineteen models are available for heating by gas, paraffin, electricity or steam, with hourly outputs from 2 pints to 50 gallons.

Each model is supplied with a wall bracket to save space. OB and OOB Models are available with vitreous-enamelled boiling chambers (inside and outside), condenser pipe, wall bracket and weir chamber. Other fittings chromium plated. Detailed illustrated leaflets on request.



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Output 2 pints per hour



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P.T.B.

First in the field once again, with improvements in surgical stockings, Lastonet now introduce light-resistant rubber into their elastic net.

Because this largely prevents the deterioration caused to rubber by exposure to light, it enhances the efficiency and lengthens the life of Lastonet Elastic New Stockings.

With this added advantage, Lastonet Stockings will be even more widely prescribed on the NHS, and your profits must be increased.

No stock problems with Lastonet Stockings! No risk. Every stocking is individually made to the patient's measure. Quick delivery and an excellent profit margin are assured.

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NET STOCKINGS

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and display material.

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BEST-SELLERS
ALL
the year round!

"Sun-tang"

'NIAGARA'
Blackcurrant Syrup

Sun-tang—made from whole oranges sugar and glucose—contains Vitamin C, essential to good health

Niagara—made from Blackcurrant juice and sugar—rich in Vitamin C—the perfect drink for young and old alike.

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Repute as
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Remedy
for
Indigestion



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Retail Prices
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6/-, 13/9, 25/-
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INDIGESTION PILLS
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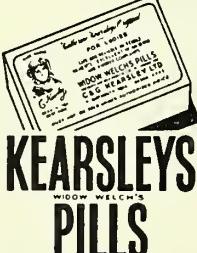
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PROFIT

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Over 1/9 BOX PROFIT by ordering
1 dozen 6/5 size. Bonus given on every
dozen (13). It pays to push this size.

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require top grade cork stoppers which permit no leakage.

Chemists who know from experience, continually specify Robinson Corks—the first class quality never varies.

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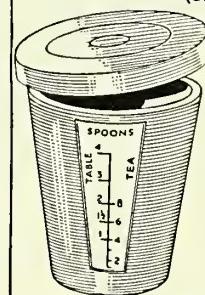
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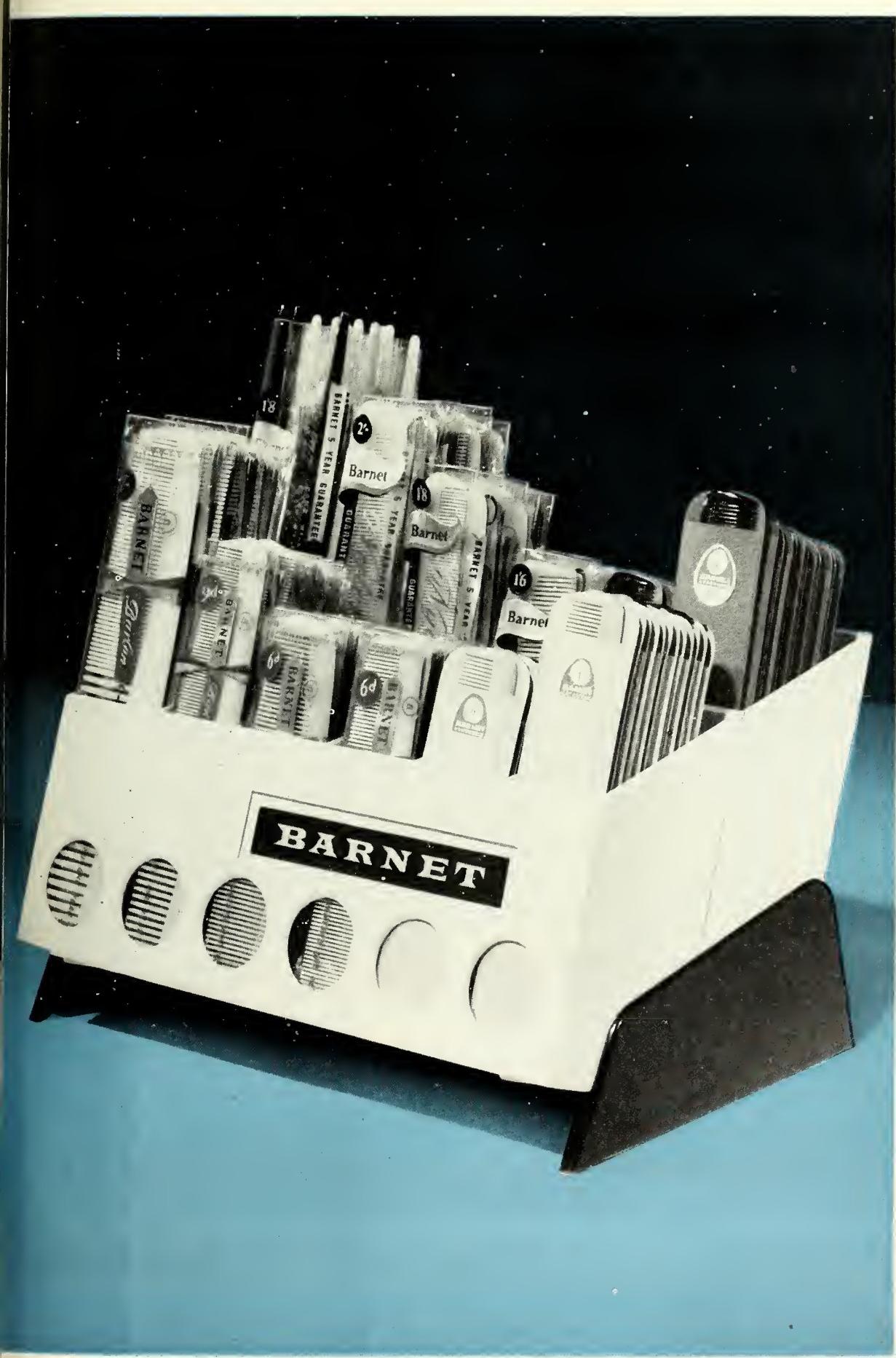
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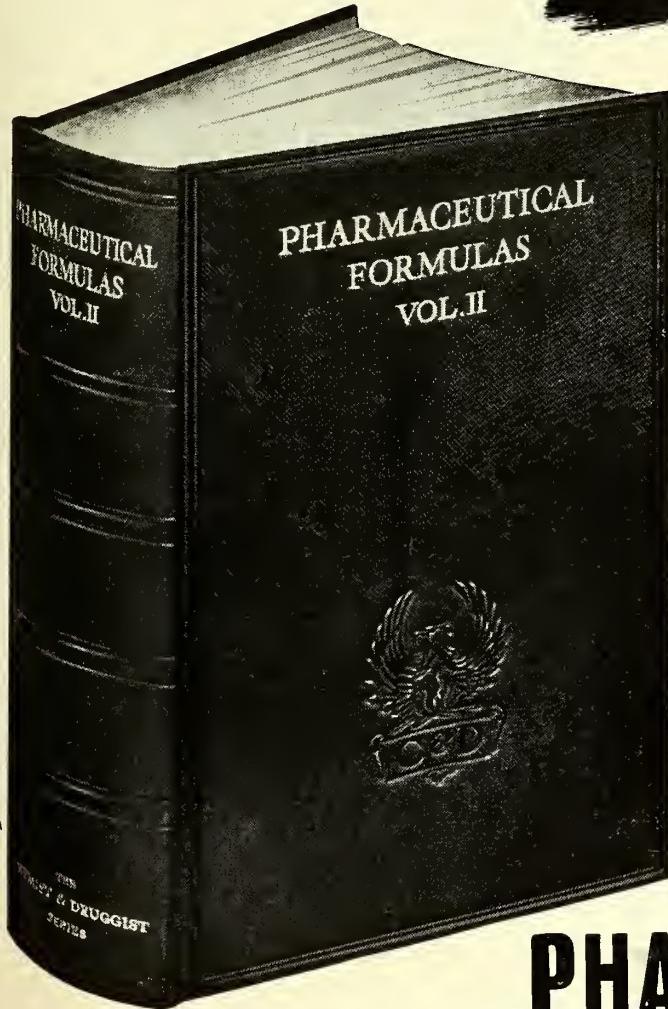
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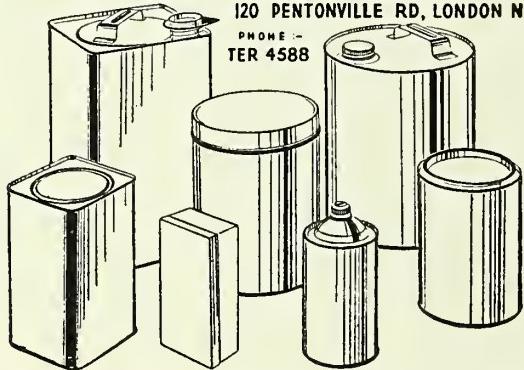
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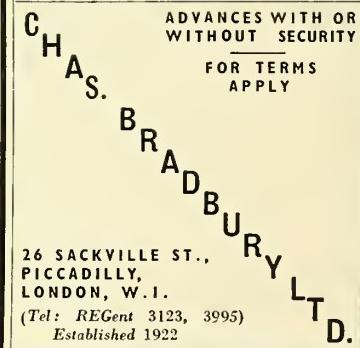
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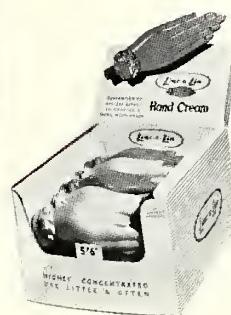
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